



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

**CLASS - VI**

**Split- up-Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS . VI**

**SUBJECT . ENGLISH**

<b>S. No.</b>	<b>Month</b>	<b>Name of the chapter/ Topics to be covered</b>	<b>Teaching Aids/E- content/ innovative Practices to be adopted</b>	<b>Test/ Examination to be conducted</b>
1	April - May	A Bottle of Dew (U-1) Prose the Raven and the fox (Poem) Poetic Device (Alliteration) Reading with understanding	Toy based pedagogy  Work in pairs to discuss the value of the fruit Banana. Find the types of Banana found in the world and paste pictures.	
2	June - July	Rama to the Rescue (U-1) comic story The unlikely Best Friends (U-2) story A friend's Prayer (Poem) Grammar- Adverb, Interrogatives, Adjectives, Use of apostrophe, (contracted/expanded form) Reading-seen passage	Story Telling Method Use Transcripts given for Listening assessment. Interview your parents/teacher to find out what would you do in situations like... -you get lost -you see fire in house - thief entering your house. To show tele movies, movies like 'Hathi mere Sathi' -Lost and Found notice	
3	August - September	The Chair (U-2) Prose Neem Baba (U-3) Play Grammar- prefix and suffix in sentence Paragraph writing Message writing Story writing (outline given)-Half Yearly (U-1 to U-3) up to Neem Baba*	Make poster on save water. Find out more such herbal plants and their biological name.	Half Yearly
4	October	What a bird thought (U-3) Poem Spices that heal us (Science Integrated facts) (U-3) Grammar- Adjectives, Modals, Formal and Informal letter.	Experiential Learning Role play -show and speak on various spices	
5	November	Change of Heart (U-4) Prose The winner (U-4) Poem Diary Writing Paragraph writing	Word game, puzzles	

6	December	Yoga-A way of Life (U-4) Informative Hamara Bharat-Incredible India (U-5) culture and tradition Writing-(Paragraph writing- “The Benefits of Yoga”, (“Ek Bharat Shrestha Bharat Programme- Importance)	Practice Asanas and know their benefits and share with your peers. Show documentaries on monuments, rivers etc. Value the traditional art of the country eg Draw and display Madhubani art.	
7	January	The Kites (U-5) Poem Embroidering Dreams with her feet (U-5) Poetic Device- Simile Writing Paragraph – “I am a Kite”	Make colorful kites and display. Share the making process with peers.	Periodic Test –II
8	February	National War Memorial (U-5) Poem Poem Recitation	Visit the website of the National War Memorial and learn more about it:- <a href="https://nationalwarmemorial.gov.in/">https://nationalwarmemorial.gov.in/</a>	
9	March	<b>SESSION ENDING EXAM</b>		

**पाठ्यक्रम विभाजन**  
**अकादमिक सत्र-2025 -26**

**कक्षा- छठी**

**विषय- हिंदी**

क्र.सं.	माह	पाठ का नाम	शिक्षण में मददगार सामग्री,लिंक	परीक्षण/ मूल्यांकन
1	अप्रैल	अपठित  गद्यांशः, संज्ञा, सर्वनाम , विश्लेषण , मातृभूमि		बहुविकल्पीय प्रश्न परीक्षण, मौखिक, प्रथम मौखिक परीक्षा
2	मई - जून	गोल, पहली बूंद हार की जीत, पत्र लेखन		वाचन, श्रुतलेख
3	जुलाई - अगस्त	अपठितपद्यांश रहीम के दोहे		अर्द्धवार्षिक परीक्षा, बहुविकल्पीय प्रश्न परीक्षण
4	सितम्बर - अक्टूबर	सत्रिय और बहू नृत्य, मैया मैं नहीं माखन खायो संवाद लेखन		श्रुतलेख, संवाद लेखन परीक्षण
5	नवम्बर	परीक्षा, चेतक की वीरता		श्रुतलेख, पर्ची परीक्षण
6	दिसम्बर	हिन्द महासागर में छोटा सा हिंदुस्तान		श्रुतलेख, वाचन परीक्षण
7	जनवरी	पेड़ की बात	<a href="https://ncert.nic.in/textbook/pdf/fhtml113.pdf">https://ncert.nic.in/textbook/pdf/fhtml113.pdf</a>	वाचन परीक्षण, लेखन परीक्षण,
8	फरवरी	पुनरावृत्ति		आंतरिक मूल्यांकन पुनरावृत्ति कार्य
9	मार्च		संत्रात परीक्षा	

**Split-up-Syllabus**  
**ACADEMIC SESSION -2025 -26**

CLASS – VI		SUBJECT – MATHEMATICS		
S. No.	Month	Name of the Chapter/Topics to be Covered	Teaching Aids/E- Content/Innovative Practice to be Adopted	Test/Examination to Conducted
<b>TERM- 1</b>				
1.	April - May	1.Patterns in Mathematics	1. NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp">https://ncert.nic.in/textbook.php?fegp</a>	1.CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity
			2. Observe the phenomenon happening around you and prepare questionnaire	
2.	June - July	2. Lines and Angles  3. Number Play	1.NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp1=0-10">https://ncert.nic.in/textbook.php?fegp1=0-10</a>	1.CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity
			-Draw different types of Angles. - Representation of Numbers on Number Line. - Mention all prime numbers between 1 to 100	

3	August - September	4. Data Handling and Presentation 5. Prime Time	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp1=0-10"><u>https://ncert.nic.in/textbook.php?fegp1=0-10</u></a>  -Representation of data by different Pictograph. -all multiples of 40 that lie between 310 and 410.	<b>HALF YEARLY EXAMINATION</b> 1. CLASS TEST 2. ORAL TEST 3. MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity
4	October - November	5. Prime Time (Continue) 6. Perimeter and Area	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp1=0-10"><u>https://ncert.nic.in/textbook.php?fegp1=0-10</u></a>  -Help students in recalling the method of finding the area of a rectangle and a square using grid papers.  - Give several opportunities to the children to explore the idea of fractional units with different shapes like circles, squares, rectangles, triangles, etc.	1. CLASS TEST 2. ORAL TEST 3. MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity
5	December	7. Fractions 8. Playing with Constructions	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp1=0-10"><u>https://ncert.nic.in/textbook.php?fegp1=0-10</u></a>  -Make other artwork of your choice with a ruler and a compass.	1. CLASS TEST 2. ORAL TEST 3. MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity

6	January	9. SYMMETRY  10. The Other Side of Zero	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?feg">https://ncert.nic.in/textbook.php?feg</a>  NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fegp">https://ncert.nic.in/textbook.php?fegp</a>  -Comparing the Numbers. - Addition and subtraction of Integers.	1. CLASS TEST 2. ORAL TEST 3. MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity
7	February.	Revision	QUIZ, CCT TEST ITEMS, SHORT TESTS, RE-TEACHING OF TOPICS	Internal Assessments Revision
8	March	<b>SESSION ENDING EXAM</b>		

**Split up Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS – VI**

**SUBJECT – SCIENCE**

<b>S. No.</b>	<b>Month</b>	<b>Name of the chapter/ Topics to be covered</b>	<b>Teaching Aids/E- content/ innovative Practices to be adopted</b>	<b>Test/ Examination to be conducted</b>
TERM- 1				
1.	April	1.The Wonderful World of Science	1. NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fcu1=0-12">https://ncert.nic.in/textbook.php?fcu1=0-12</a>  2. Observe the phenomenon happening around you and prepare questionnaire	1. CLASS TEST 2. ORAL TEST 3. MCQ's 4.SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTIONS 8. Subject Enrichment Activity
2.	May - June	2. Diversity In the Living World.  3. Mindful Eating: A path to a Healthy Body.	1.NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fcu1=0-12">https://ncert.nic.in/textbook.php?fcu1=0-12</a>  <a href="https://ncert.nic.in/textbook.php?fcu1=0-12">https://ncert.nic.in/textbook.php?fcu1=0-12</a>  -Diet Chart of 12 years students. -Explore the functions and sources of various food components.	1. CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity

			-Balanced diet chart and the diseases cause due to their deficiency	
3	July - August	4. Exploring Magnets  5. Measurement of Length and Motion	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecul=0-12">https://ncert.nic.in/textbook.php?fecul=0-12</a>  -Magnetic compass -Magnetic and non – magnetic substances  NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecul=0-12">https://ncert.nic.in/textbook.php?fecul=0-12</a>  -Meter scale - standard unit of measurement - measuring the length of curved line	<b>HALF YEARLY EXAMINATION</b>  1. CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity
4	September - October	6. Materials Around Us.	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecul=0-12">https://ncert.nic.in/textbook.php?fecul=0-12</a>  -Classification of objects on the basis of their properties -Different types of balls and their bouncing - Collection of transparent, translucent, and opaque object  NCERT Textbook	1. CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity

		7. Temperature and its Measurement	<a href="https://ncert.nic.in/textbook.php?fecu1=0-12">https://ncert.nic.in/textbook.php?fecu1=0-12</a>	
5	November	8.A Journey through States of Water  9. Method of Separation in Everyday Life	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecu1=0-12">https://ncert.nic.in/textbook.php?fecu1=0-12</a>  -Different states of water  NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecu1=0-12">https://ncert.nic.in/textbook.php?fecu1=0-12</a>	1. CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity
6	December	10 Living Creatures: Exploring their Characteristics  11.Nature's Treasure	NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecu1=0-12">https://ncert.nic.in/textbook.php?fecu1=0-12</a>  NCERT Textbook <a href="https://ncert.nic.in/textbook.php?fecu1=0-12">https://ncert.nic.in/textbook.php?fecu1=0-12</a>  -List the wastage of water in our daily life - Sun is ultimate source of energy - Renewable and non – renewable natural resources	1. CLASS TEST 2. ORAL TEST 3.MCQ's 4. SHORT QUESTIONS 5. MULTIDISCIPLINARY PROJECT 6. CCT TEST ITEMS 7. CBT QUESTION 8. Subject Enrichment Activity

7	January	12.Beyond Earth	<p>1. NCERT Textbook  <a href="https://ncert.nic.in/textbook.php?fecul=0-12">https://ncert.nic.in/textbook.php?fecul=0-12</a></p> <p>Solar system  The universe and its excitement</p>	<b>PERIODIC TEST II SYLLABUS COVERED UPTO DECEMBER</b> <ul style="list-style-type: none"> <li>1. CLASS TEST</li> <li>2. ORAL TEST</li> <li>3. MCQ's</li> <li>4. SHORT QUESTIONS</li> <li>5. MULTIDISCIPLINARY PROJECT</li> <li>6. CCT TEST ITEMS</li> <li>7. CBT QUESTION</li> <li>8. Subject Enrichment Activity</li> </ul>
8	February	Revision	QUIZ, CCT TEST ITEMS, SHORT TESTS, RE-TEACHING OF TOPICS	Internal Assessments Revision
9	<b>March</b>			<b>SESSION ENDING EXAM</b>

**Split up Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS VI**

**SUBJECT EXPLORING SOCIETY: INDIA AND BEYOND**

S.no	Month	Name of the chapter/topic to be covered	Teaching aids/E-content/Innovative practices to be adopted	Test examination to be conducted
1	April - May	Introduction: Why social Sciences? 1. Locating Places on Earth (GEO)	Text book, Diksha portal videos, ppt. identify latitude and longitude egpoless, equator. Explain local time and standard time.	HALF YEARLY EXAMONATION
2	June - July	1. Timeline and source of History (HIS)	A timeline is a tool used to visually represents a sequence of events in chronological order.	
2		2 . Family and community	Textbook, Diksha videos, ppt. Group activity, picture-based activity. create a story of a family somewhere in India, where we see more family values.	
3	August - September	1. Oceans and continents (GEO)	Text book, Globe, world map, develop knowledge of the names of continents and oceans. <a href="https://visibleearth.nasa.gov">https://visibleearth.nasa.gov</a>	
3		2. India, that is Bharat (HIS)	Textbook, audio video clips. Question answer method, group activity, map work etc.	
3		3. The value of work (ECO)		
4	October	1. Grassroot Democracy- Part-1. Governance (CIV)	Textbook, Diksha videos, ppt. organize group activity on what is government, understand the organs, types and levels of government.	

5	November	1. Landforms and life (GEO)	Textbooks, Diksha videos, PPTs Analysis the features of different landforms like mountains, Deserts etc. Identify the physical features and major landforms of the earth on the world map. <a href="https://youtu.be/wQnCyCAFBy?si=a1MQyrMhdgWoUDYE">https://youtu.be/wQnCyCAFBy?si=a1MQyrMhdgWoUDYE</a>	PERIODIC TEST-2
		2. The Beginnings of India's civilization (HIS)	Textbook, Diksha app, PPTs, Videos. Ancient India inquiry activities. As a class activity can you try to match Hadappan cities with the modern states or regions . Ex- Mohanjadaro, Lothal etc.	
6	December	1. Grassroot Democracy-Part-2. Local government in rural areas (CIV)	Text book, Diksha videos, ppt. Participated in a group activity on various levels of local self-government in rural areas.	
		2. Economic Activities Around us (ECO)	Textbook, Diksha videos, ppt.s haring learning activities (using bloom taxonomy)	
7	January	1. India's Culture root 2. (CH & KT)	Textbook, Diksha app Class activity – Stage a small play with Yama, God of death, surrounded by several Nachiketas asking him question about life. Role play and group activity may be conducted.	
		1. Grass root Democracy-Part-3. Local government in urban areas (CIV)	Diksha video, ppt, display a video related to various levels of local self-government in urban areas.	
8	February	1. Unity and diversity, or 'Many in the one' (CH & KT)	Textbook, use audio, videoclips, pp, map. Group activity, picture-based activity.	
9	March	<b>SESSION ENDING EXAM</b>		

**पाठ्यक्रम विभाजन**  
**अकादमिक सत्र – 2025-26**

कक्षा – छठी

विषय- संस्कृत

S.no	Month	Name of the chapter/topic to be covered	Teaching aids/E-content/Innovative practices to be adopted	Test examination to be conducted
<b>प्रथमसत्रम</b>				
1	अप्रैल - मई	प्रथमः पाठः - वर्यवर्णमालांपठामः  द्वितीयः पाठः - एषः कः एषाका एतत किम	स्वरव्यंजनअयोगवाहवर्णनाज्ञानांगुणिताक्षराणलेखनंवर्णवियोगः/संयोगः एषः, एतौ, एते/एषा, एते, एताः / एतत, एते, एतानि- सर्वनामप्रयोगः। वाक्य- निर्माणं/प्रशननिर्माण <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	PERIODIC TEST-1
2	जून - जुलाई	तृतीयः पाठः - अहं च त्वं च  चतुर्थः पाठः - अहंप्रांतः  उतिष्ठामि	परिचयः, अहम्, आवाम, वयम्/त्वम्, युवाम, युयम सर्वनामप्रयोगः। चित्राधारितवाक्यलेखनम दिनचर्याकथनं / संख्यालेखनम/ अपठित – अवबोधनम <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	
3	अगस्त - सितम्बर	पञ्चमः पाठः - शूराः वर्यधीराः वयम  षष्ठः पाठः - सः एवमहानः चित्रकारः	पाठस्यवाचनं/गीतस्यसमूहगायनंमाँ, महापुरुषाणमचित्रसक्लानाम पुष्पानामसंस्कृतनामानी/वर्णनांसंस्कृतनाम्लेखानाम/ संस्कृतसम्भाषणम <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	अर्धवार्षिक परीक्षा

द्वितीयासत्रम्

4	अक्टूबर	सप्तमः पाठः- अथितिदेवोभव  अष्टमः पाठः - बुद्धिः सर्वार्थसाधिका	पाठस्यवाचनं, अव्ययप्रयोगः/ वक्यालेखनम् वाचनं/लटलकारस्यप्रयोगः/पर्यायपदानि/संस्कृतसम्भाषणं	
5	नवम्बर	नवं: पाठः - योजनाति सः पण्डितः  दशमः पाठः - त्वं आपणगाछ	प्रहेलिकानामपठनं/षष्ठीविभक्तेः रूपानाम स्मरनम् I संवादवाचनं/लोटलकारज्ञानं/ संस्कृतसम्भाषणम् <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	
6	दिसम्बर	एकादशः पाठः - पृथिव्यंत्रिनिरत्नानी  द्वादशः पाठः- आलस्यंहिमनुस्यनामशरीरस्थोमहान रिपुः	शलोकगायनं/पदच्छेदः/अन्वयः/सुभाषितसंकलनम् वाचानम्/द्वितीयविभक्तिप्रयोगः/वचनं-परिवर्तनं/चित्राधारितवाक्यरचना <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	
7	जनवरी	त्रियोदशः पाठः-संख्यागणनाननुसरता  चतुर्दशः पाठः- माधवस्यप्रियं अडंगम	अभिनयात्मक – गायनं/ संख्याज्ञानं, लेखनं( 1-५० ) पाठवाचनं/छात्रः नाट्यभिनायम्/शरीरांगनामानि, कार्याणि चां संस्कृतसम्भाषणम् <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	
8	फरवरी	पंचदशः पाठः- वृक्षाः सत्पुरुषाः इव	पाठस्यवचनं/पदच्छेदः/अन्वयः/ संस्कृतसम्भाषणम् <a href="https://ncert.nic.in/textbook.php?fsdel=0-15">https://ncert.nic.in/textbook.php?fsdel=0-15</a>	
10	मार्च	सत्रांतं परीक्षाये पुनरावृतिः		सत्रांत -परीक्षा

**Split up Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS VI**

**SUBJECT ART EDUCATION**

<b>S.no .</b>	<b>Month</b>	<b>Chapters /Content</b>	<b>Activities</b>	<b>No. of class work to be done</b>
1	<b>April – May</b>	<b>Still Life -</b>  Short composition with 3 / 4 objects	Observe various objects around you, its colour, shape, size etc. Arrangement of 3/4 objects inside class or in home and draw the still life observing how the light falls on them creating shades and shadows, do pencil shading work or apply colour to it  Discuss and talk about the objects, arrangement, light, shade and shadows seen in the painting made by Amrita Sher-gil.  Draw furniture from different angle.  Make a flip book.	02 type of works
		<b>Nature study -</b>  Observation & Execution	Study of various objects, trees, leaf, flower, flower Vass/ pot, animals, birds and various natural views of your vidyalaya or your surroundings, Outdoor sketching, Field trip to museum or Artist Studio Observe colours in nature, try to make colour from natural items like flower, turmeric, soils and stone	02 type of works

2	June - July	<p><b>Portraying People</b></p> <p><b>Sketching and drawing</b></p> <p>Use of various pencils on different surfaces to make different human figures and</p>	<p>Simple picture and composition by different types of pencils, charcoals, pens and colors</p> <p>Observe why we all look different even though our faces have the same parts —eyes, eyebrows, nose, mouth, ears and draw the difference. Look at the images of the Buddha from different periods. Compare the styles, facial features, and discuss the similarities and differences in their characteristics</p> <p>Draw three to five roles (you like to play in other people's life when you grow up) from the many choices you can think of.</p> <p>Observe clothes of a farmer and different professional persons and draw the difference.</p>	<p>02</p> <p>Home Work (sketches or drawings of any human face, clothes worn by farmer and different people.</p>

3	August	<p><b>Paper craft</b> Folding, cutting and weaving</p> <p><b>Print- Making -</b> An Experiment with various colors to print on paper and fabric using self-made seal made of variety of materials.</p>	<p>Origami work, Stencil Making of Different design, Paper folding and cutting work to make different design for decoration work, Paper craft of any cartoons, bird or animal.</p> <p>Observe the seals discovered from various periods of history and discuss, Design own seal and take print, Thumb prints, Hand Prints, Potato print, Vegetable Prints and any other method for color impression to make small picture.</p> <p>Field trip – to local post office</p>	<p>Any 02 types of works</p> <p>Any 02 types of works</p>

		Music and your Emotion	1.Listening 2.Music and our Memories 3.Listen and Feel 4.Drawing Music 5.Express your Emotion 6.Learn about Musical Elements 7. Vocal Warm ups / Alankar 8. Medley 9. Play Games on Dynamics, Melody and Rhythm	
4	September	Musical Instruments	1.Role of Instruments in a Musical piece 2. Listening and Responding 3. Instrument Families (Melody & Tempo) 4. Make your own Instrument 5. Listen and Learn 6. Make a Project on Music and Science	
		Taal or Talam and Raga or Ragam in Indian Music	1.Raga Bhoop 2.Learn a Swarmalika in Raga Bilawal 3.Learn a Bandish in Raga Yaman (ChhotaKhayal) 4. Learn a Geetem in RangamKalyani (Taal:Triputa) 1. Exploring India's Musical Tapestry	
		Melody and Diversity	1. Exploring India's Musical Tapestry <b>OBJECTIVE:</b> Listening and Learning songs from various genres of Indian Music <i>i.e.</i> Classical Music, Regional Music, Devotional Music etc.	

5	<b>October</b>	Song Writing	<p>Try it yourself</p> <p>Write a Song based on Familiar or Popular Melody</p> <p>Write a Song based on Unfamiliar or Uncommon Melody Listening to the Rhyme in the Solar System Song</p>	
		My body in Motion	<ol style="list-style-type: none"> <li>1. Routine body movements</li> <li>2. Incorporating spinal bends and steps</li> <li>3. Practice of different facial expression</li> <li>4. Practice Hastamudras</li> <li>5. Dance to a song</li> </ol>	
		Breaking Barriers with dance	<ol style="list-style-type: none"> <li>1. Watch videos of unique LokaNritya</li> <li>2. Stepping for LokaNritya</li> <li>3. Project work- Jogati Manjamma</li> <li>4. Dance and geometrical shapes</li> <li>5. Rhythmic geometry</li> </ol>	
6	<b>November</b>	Harmony in motion	<ol style="list-style-type: none"> <li>1. Our traditional dance</li> <li>2. Making of dance jewellery and props</li> <li>3. Draw a jewellery or prop of your choice</li> <li>4. Knowledge of performance space</li> <li>5. Sharing a story of nature</li> <li>6. Choreography and performing Natya</li> </ol>	
		Dance of our land	<ol style="list-style-type: none"> <li>1. Exploring regional dances</li> <li>2. Exploring other dance form</li> <li>3. Comparison of regional dance form</li> <li>4. Project on regional dance form</li> <li>5. Notes on renowned dancers</li> </ol>	
7	<b>December</b>	Emotions unveiled	<p><b>Scene:</b> -</p> <ol style="list-style-type: none"> <li>1.Understanding emotions</li> <li>2.Exploring emotions</li> </ol> <p><b>Activity:</b> -</p> <ol style="list-style-type: none"> <li>1.Masks and emotions</li> </ol>	

		Let's Design (Stage technical)	<b>Scene:</b> - 3.Theatre production <b>Activity:</b> - 1. You Design! 2. Pick your favorite Story and design costumes and makeup for at least two characters <b>Scene:</b> - 4. Write, Right <b>Activity:</b> - 1. Story building instructions in class	
8	<b>January</b>	Stories of Shadows and Strings- Puppetry	<b>Scene:</b> - 5. hand puppetry finger, socks and gloves <b>Activity:</b> - 1.Create 02 characters <b>Scene:</b> - 6.Stick and shadow puppetry <b>Activity:</b> - 1.Make your own puppet show	
		Grand Finale	<b>Activity:</b> - 1.Script writing 2. Makeup and costume 3.Stage design 4.Switch to puppetry	
9	<b>February</b>	Integration of all Art forms	1.Individual activity 2 Group activity of team work 3. Activity according to given table in the book	
		Assessment	Methods of assessment 1. Formative assessment 2. Summative assessment	
10	<b>March</b>	<b>SESSION ENDING EXAM</b>		

**Split up Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS - VI**

**SUBJECT - KAUSHAL BODH**

Sl.no.	Month	Name of the chapter/topic to be covered	Activity	Scheme for assessment and evaluation
1	April - May	<p><b>Part 1: Work with life Forms</b></p> <p><b>Project: School kitchen garden</b></p> <p>1. Learn about gardening tools and materials          2. Visiting of Farm and nursery</p> <p><b>OR</b></p> <p><b>Project: Biodiversity Register</b></p> <p>1. Learn about Biodiversity Register          2. Identify Places in Which to record biodiversity</p>	<ul style="list-style-type: none"> <li>1. To know the uses and function of different gardening tools</li> <li>2. How to prepare the soil using gardening tools. <b>OR</b></li> <li>1. What is around us? 2. Meet an expert</li> </ul>	<p><b>Mode of assessment</b> Written test-10%</p> <p>Oral presentation-30% Activity book-30% Portfolio-10%</p> <p>Teachers' observation during activity-20%</p>
2	June - July	<p>1. Concepts of vermicompost and its benefits.          2. Planning the lay out and maintenance of Kitchen Garden.</p> <p><b>OR</b></p> <p>3. Record Biodiversity in different places          4. Use different sources to gather information</p>	<p>3. Making of Vermicompost          4. Choosing seeds or seedlings, Planting, Watering, use of manure and fertilizers.</p> <p><b>OR</b></p> <p>3. Identify places to survey          4. Scheduling Visits for observing Biodiversity</p>	

3	August – September	<p>5. Undertake measures for care of Plants 6. Harvest produced</p> <p><b>Part 2: Work with Machines and</b></p> <p><b>Project: Animation and games</b></p> <p>1. Learn how to the devices 2. Making of model of an offline game</p> <p><b>OR</b></p> <p><b>Project: Maker Skills</b></p>	<p>5. Making a fence, Steps for plant care (Support the plant and creepers by staking), Mulching post Watering, applying Organic Pesticides and removing weeds. 6. Tracking Growth of plants and Harvesting</p> <p><b>OR</b></p> <p>5. Filling in the Biodiversity Register 6. Identifying ‘unknown’ and presentation of biodiversity Register</p> <p><b>OR</b></p> <p>1. Making a model of game using craft materials.</p> <p><b>OR</b></p> <p>1. Identifying of simple machines in our surroundings.</p>	<p><b>Mode of assessment</b></p> <p>Written test-10%</p> <p>Oral presentation-30%</p> <p>Activity book-30%</p> <p>Portfolio-10%</p> <p>Teachers’ observation during activity-20%</p>
---	--------------------	---	--	--

		1.Learn about simple machines.		
4	October	<p>3. Learn to use scratch 4. Design and improve an Online game</p> <p style="text-align: center;"><b>OR</b></p> <p>2.Make Toys from waste using simple machines</p>	<p>2.Creating an account on scratch. 3. Build characters, objects and a back drop of game. 4.Programming of characters and objects</p> <p style="text-align: center;"><b>OR</b></p> <p>2.Using levers to make toys. 3.Using a propeller to make toys.</p>	
5	November	<p>5.Make your own animation and game</p> <p style="text-align: center;"><b>OR</b></p> <p>3. Learn to maintain and repair a bicycle 4. Learn about simple machines in a bicycle</p>	<p>5.Create and animated Birthday Card 6. Designing of game.</p> <p style="text-align: center;"><b>OR</b></p> <p>4.Simple machines in a bicycle. 5.Visit to a bicycle repair shop. 6.Organise an exhibition of the toys.</p>	<p>Mode of assessment Written test 10%</p> <p>Oral presentation-30% Activity book-30% Portfolio-10%</p> <p>Teachers' observation during activity-20%</p>

6	December	<p><b>Part 3: Work in Human Services</b></p> <p><b>Project: School Museum</b></p> <p>1.Learn about Museum and Artefacts 2.Visit a real Museum or take a tour of Virtual Museum</p> <p style="text-align: center;"><b>OR</b></p> <p><b>Project: Cooking without fire</b></p>	<p>1. Visiting a museum</p> <p><b>OR</b></p> <p>1. Reading recipes. 2. Deciding on dishes to be prepared.</p>	
7	January	<p>3.Learn about cooking without fire. 2.Conduct a survey to decide a menu. 3.Use tools and equipment, measure</p>	<p>2. Learn the History of your family and area 3. Identify Artefacts and learn about them.</p> <p><b>OR</b></p> <p>4. Measure your food ingredients. 4.Handling tools with care and safety. 5.Handling and disposing of kitchen waste.</p>	
8	February	<p>4. Exhibition of Artefacts.</p> <p style="text-align: center;"><b>OR</b></p> <p>5. Prepare beverages.</p> <p>6.Organise a food mela.</p>	<p>4. Selecting Artefacts for the Museum and keeping the Artefacts safe. 5. Preparing presentation on Artefacts.</p> <p><b>OR</b></p> <p>6. Beverage making. 7. Make dishes that require cutting and mixing.</p>	
9	March	<b>SESSION ENDING EXAM</b>		

**Split – up – Syllabus**  
**ACADEMIC SESSION -2025-26**

**CLASS – VI**

**SUBJECT – PHYSICAL EDUCATION AND WELL BEING**

S. no.	Month	LEDSSON / UNIT	Study AIDS / LINK	EVALUATION
1	April - May	1.Importance of Physical Education and Well-being 1.1 Ice Water 1.2 Seven Stones 1.3 Aerobic Exercises	<a href="https://www.ncert.nic.in/textbook/pdf/kehp101.pdf">https://www.ncert.nic.in/textbook/pdf/kehp101.pdf</a>	Two Game Test
2	June - July	4 Follow Me 1.5 Number Game 1.6 Hula Hoop Jump 2. Introduction to Motor Fitness 2.1 Obstacle Race 2.2 Balancing Act 2.3Shivam Says 2.4 Collaborate and Conquer 2.5 Grab the Ball	<a href="https://ncert.nic.in/pdf/publication/otherpublications/fehped1f">https://ncert.nic.in/pdf/publication/otherpublications/fehped1f</a>	Two Fitness Two
3	August - September	3.Fundamental Skills of Kho-Kho 3.1 Sitting 3.2 Chasing 3.3 Giving Kho 3.4 Running on a Straight Line 3.5 Dodging 3.6 Zig-Zag Running	<a href="https://en.wikipedia.org/wiki/Kho_kho">https://en.wikipedia.org/wiki/Kho_kho</a>	Two Skill Test

		3.7 Pole Turn 3.8 Covering Chase 3.9 Chain 3.10 Fake Kho 3.11 Pole Dive 3.12 Toe Tapping 3.13 3-2-3 Chain		
4	October To December	4.Fundamental Skills of Handball 4.1 Passing 4.2 Catching 4.3 10 Pass 4.4 Dribbling 4.5 Obstacle Dribbling 4.6 Shoot the Ball 4.7 Dodge Ball 4.8 Dribbling and Shoot 4.9 Pass And shoot 4.10 Shootout Tournament 4.11 Goalkeeper's Defensive Skills 4.12 Blocking 4.13 Assimilation		Two Skill Test

5	January To February	5. Yoga Yoga Session Structure 5.1 Yoga for Daily Life 5.2 Preparing for Yoga Practices 5.3 Asanas 5.4 Pranayam 5.5 Dharana, Dhyana, and Samadhi 5.6 Krida Yoga		Two Asana/ Yoga Posture test
6	March		<b>SESSION ENDING EXAM</b>	



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

# **CLASS IX**

## CLASS IX

## SUBJECT- ENGLISH LANGUAGE AND LITERATURE (CODE:184)

S. No.	Months	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April-May 2025	<b>BEEHIVE</b> Prose-The Fun They Had  Poem-The Road not Taken  <b>MOMENTS</b> The Lost Child  <b>GRAMMAR</b> -Tenses <b>WORDS &amp; EXPRESSIONS- UNIT -01</b>	<a href="https://epathshala.nic.in/watch.php?id=3566">https://epathshala.nic.in/watch.php?id=3566</a> <a href="https://epathshala.nic.in/watch.php?id=3567">https://epathshala.nic.in/watch.php?id=3567</a>  <a href="https://epathshala.nic.in/watch.php?id=5087">https://epathshala.nic.in/watch.php?id=5087</a>  Debate- Human Teacher Vs Robotic Teacher Diksha Portal NCERT Website Mind Maps	Slip Test
		<b>READING</b> Discursive Passage	<a href="https://epathshala.nic.in/watch.php?id=3569">https://epathshala.nic.in/watch.php?id=3569</a> <a href="https://learnenglishteens.britishcouncil.org/skills/reading">https://learnenglishteens.britishcouncil.org/skills/reading</a> (reading practice during summer vacation) <ul style="list-style-type: none"> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul>	Subject Enrichment Activity
2	June, 2025	<b>BEEHIVE-</b> <b>Poem-Wind</b> <b>Prose- The Sound of Music</b> a. Bismillah Khan b. Evelynne Glennie  <b>WRITING TASK-</b> Descriptive Paragraph (Bio sketch)  <b>WORDS &amp; EXPRESSIONS - UNIT -02</b>	<a href="https://epathshala.nic.in/watch.php?id=3568">https://epathshala.nic.in/watch.php?id=3568</a> <ul style="list-style-type: none"> <li>➤ Bio sketch of differently abled people/famous musicians</li> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul> Holiday Home works for Summer Vacation	

3	July, 2025	<p><b>BEEHIVE</b></p> <p><b>Prose-</b> The Little Girl</p> <p><b>Poem-</b> Rain on The Roof</p> <p><b>MOMENTS</b></p> <p>The Adventures of Toto</p> <p><b>GRAMMAR-MODALS</b></p> <p><b>WORDS &amp; EXPRESSIONS- UNIT - 03</b></p> <p><b>READING</b></p> <p>Case Based Passage</p>	<p><a href="https://epathshala.nic.in/watch.php?id=3570">https://epathshala.nic.in/watch.php?id=3570</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=3571">https://epathshala.nic.in/watch.php?id=3571</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=5088">https://epathshala.nic.in/watch.php?id=5088</a></p> <ul style="list-style-type: none"> <li>➤ Creative Writing</li> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul>	Periodic test-01
4	August, 2025	<p><b>BEEHIVE</b></p> <p><b>Prose-</b> A Truly Beautiful Mind.</p> <p><b>Poem-</b> The Lake Isle of Innisfree</p> <p><b>MOMENTS</b></p> <p>Iswaran the Storyteller</p> <p><b>GRAMMAR-Subject-Verb Agreement (Concord)</b></p> <p><b>WORDS &amp; EXPRESSIONS- UNIT - 04</b></p> <p>Listening and Speaking Activities</p> <p><b>WRITING TASK-</b></p> <p>Descriptive Paragraph 2 (Place)</p>	<p><a href="https://epathshala.nic.in/watch.php?id=3572">https://epathshala.nic.in/watch.php?id=3572</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=3573">https://epathshala.nic.in/watch.php?id=3573</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=5089">https://epathshala.nic.in/watch.php?id=5089</a></p> <ul style="list-style-type: none"> <li>➤ Describe a beautiful place that you have visited.</li> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul>	Slip Test
5	September,20 24	<p><b>BEEHIVE</b></p> <p><b>Prose-</b> The Snake and the Mirror</p> <p><b>Poem-</b> A Legend of The Northland</p> <p><b>MOMENTS</b></p> <p>In the Kingdom of Fools</p>	<p><a href="https://epathshala.nic.in/watch.php?id=3574">https://epathshala.nic.in/watch.php?id=3574</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=3575">https://epathshala.nic.in/watch.php?id=3575</a></p>	Periodic Test-02/ Half Yearly

		<b>GRAMMAR</b> -Reported Speech <b>WORDS &amp; EXPRESSIONS- UNIT -05</b> <b>WRITING-</b> Story Writing	<a href="https://epathshala.nic.in/watch.php?id=5090">https://epathshala.nic.in/watch.php?id=5090</a> ➤ Comic strip based on 'A Legend of The Northland' ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map	
6	October, 2025	<b>BEEHIVE</b> <b>Prose-</b> My Childhood  <b>Poem-</b> No Men are Foreign  <b>WORDS &amp; EXPRESSIONS- UNIT -06</b>	<a href="https://epathshala.nic.in/watch.php?id=3576">https://epathshala.nic.in/watch.php?id=3576</a>  <a href="https://epathshala.nic.in/watch.php?id=3577">https://epathshala.nic.in/watch.php?id=3577</a>  ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map	Slip Test
7	November	<b>BEEHIVE</b> <b>Prose-</b> Reach for the Top  <b>Poem –</b> On Killing a Tree  <b>MOMENTS</b> The Happy Prince  <b>GRAMMAR</b> -Determiners, Gap Filling  <b>WORDS &amp; EXPRESSIONS- UNIT -08</b>  <b>WRITING TASK:</b> Descriptive Paragraph 3(Event)	<a href="https://epathshala.nic.in/watch.php?id=3580">https://epathshala.nic.in/watch.php?id=3580</a>  <a href="https://epathshala.nic.in/watch.php?id=328">https://epathshala.nic.in/watch.php?id=328</a>  <a href="https://epathshala.nic.in/watch.php?id=3581">https://epathshala.nic.in/watch.php?id=3581</a>  <a href="https://epathshala.nic.in/watch.php?id=5091">https://epathshala.nic.in/watch.php?id=5091</a> ➤ A seminar on the topic, Afforestation is the Need of the Hour' ➤ Diksha Portal ➤ NCERT Website ➤ Mind Map	Art Integrated Project

8	December	<p><b>BEEHIVE</b>  <b>Prose-</b> Kathmandu  <b>Poem-</b> A Slumber Did My Spirit Seal  <b>GRAMMAR-</b>Editing, Transformation of Sentences.</p> <p><b>WORDS &amp; EXPRESSIONS</b>  <b>- UNIT -10</b></p>	<p><a href="https://epathshala.nic.in/watch.php?id=3584">https://epathshala.nic.in/watch.php?id=3584</a></p> <ul style="list-style-type: none"> <li>➤ Preparing a brochure on any famous tourist destination</li> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul>	Slip Test
9	January	<p><b>BEEHIVE</b>  <b>Prose-</b> If I were You</p> <p><b>MOMENTS</b>  The Last Leaf</p> <p>A House is not a Home.</p> <p><b>GRAMMAR -</b> Integrated grammar practice</p> <p><b>WORDS &amp; EXPRESSIONS</b>  <b>UNIT -11</b>  Listening and Speaking Activities</p>	<p><a href="https://epathshala.nic.in/watch.php?id=3586">https://epathshala.nic.in/watch.php?id=3586</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=5093">https://epathshala.nic.in/watch.php?id=5093</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=5094">https://epathshala.nic.in/watch.php?id=5094</a></p> <ul style="list-style-type: none"> <li>➤ Diary Entry-Imagine you have joined a new school. Write a diary on your experience on first day of joining the school.</li> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> <li>➤ </li> </ul>	Periodic Test 3
10	February	<p><b>MOMENTS</b>  The Beggar</p> <p><b>GRAMMAR</b>  Integrated Grammar practice</p> <p>Revision</p>	<p><a href="https://epathshala.nic.in/watch.php?id=5096">https://epathshala.nic.in/watch.php?id=5096</a></p> <ul style="list-style-type: none"> <li>➤ Diksha Portal</li> <li>➤ NCERT Website</li> <li>➤ Mind Map</li> </ul>	Slip Test
11	March	<b>SESSION ENDING EXAMINATION</b>		

## **NOTE: \*\* LAT (Learner's Achievement Test) every month**

### **PREScribed TEXTS:**

1. BEEHIVE (MAIN READER)
2. MOMENTS (SUPPLEMENTARY READER)
3. WORDS AND EXPRESSIONS (WORKBOOK)

### **NOTE:**

1. **The Slip Tests can be conducted for 5/10/15/20 Marks. The types of the of Slip Tests that can be given, are suggested below:**

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. **Listening Exercise can be accessed by clicking on to the pdf link given below. Listening and reading exercises have been taken from the Official Site of The British Council** <https://drive.google.com/file/d/1CTn7Pq3x0xzSf5tlCVzrboCz3MpKT27K/view?usp=sharing>

### **Useful Links**

Question Bank: Class IX English	<a href="https://cbseacademic.nic.in/cbe/documents/Item-Bank-----English---Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/Item-Bank-----English---Class-9.pdf</a>
Curriculum Aligned Competency Based Test Items : Class IX English	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_English-Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_English-Class-9.pdf</a>

## CLASS IX

## SUBJECT- COMMUNICATIVE ENGLISH (CODE:101)

Sl. No.	Months	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April-May	<p><b>LITERATURE READER</b>  <b>F1.</b> How I Taught My Grandmother to Read  <b>P1:</b> The Brook</p> <p><b>MAIN COURSE BOOK</b></p> <p><b>Unit 1. People</b></p> <p>A. An Exemplary Leader  B. A Burglary Attempt  C. Can You Know People You Haven't Met</p> <p><b>WRITING:</b> Notice Writing</p> <p><b>GRAMMAR:</b> Modals</p>	<p><a href="https://epathshala.nic.in/watch.php?id=76">https://epathshala.nic.in/watch.php?id=76</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=3636">https://epathshala.nic.in/watch.php?id=3636</a></p>	Slip Test
2	June	<p><b>LITERATURE READER</b>  <b>P2.</b> The Road Not Taken</p> <p><b>MAIN COURSE BOOK</b></p> <p><b>Unit 2. Adventure</b></p> <p>A The Final Flight  B The Sound of the Shell  C Ordeal in the Ocean</p> <p><b>WRITING:</b> Informal Letter</p>	<p><a href="https://diksha.gov.in/resources/play/collection/do_31304430155977523214471?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_31304430155977523214471?contentType=TextBook</a></p> <p><a href="https://www.bbc.com/news/world-asia-india-45662609">https://www.bbc.com/news/world-asia-india-45662609</a> (for similar experience as mentioned in "Ordeal in the Ocean")</p> <p><a href="https://learnenglishkids.britishcouncil.org/skills/writing/b1-writing/letter-friend">https://learnenglishkids.britishcouncil.org/skills/writing/b1-writing/letter-friend</a></p>	Subject Enrichment Activity

3	July,	<p><b>LITERATUTRE READER</b>  F2. A Dog Named Duke  P3. The Solitary Reaper</p> <p><b>MAIN COURSE BOOK</b></p> <p><b>UNIT 3:</b> Environment</p> <p>A The Indian Rhinoceros  B Save Mother Earth  C Save the Tiger</p> <p><b>GRAMMAR:</b> Tenses</p> <p><b>WRITING:</b> Dialogue Writing</p>	<p><a href="https://epathshala.nic.in/watch.php?id=3642">https://epathshala.nic.in/watch.php?id=3642</a>  <a href="https://epathshala.nic.in/watch.php?id=3626">https://epathshala.nic.in/watch.php?id=3626</a></p> <p><a href="https://learnenglishteens.britishcouncil.org/skills/writing/a2-writing/chat">https://learnenglishteens.britishcouncil.org/skills/writing/a2-writing/chat</a>  <a href="https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/present-perfect-simple-continuous">https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/present-perfect-simple-continuous</a></p>	Periodic Test 1 (MCB Unit 1 to Fiction 2)
4	August,	<p><b>LITERATURE READER</b></p> <p><b>D1:</b> Villa for Sale</p> <p><b>MAIN COURSE BOOK</b></p> <p><b>Unit 4.</b> The Class IX Radio and Video Show</p> <p>A: Radio Show  B: Video Show</p> <p><b>GRAMMAR:</b> Subject Verb Concord</p>	<p>Dramatization of the Play</p> <p>Script of Radio and Video Show</p> <p><a href="https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31285951347015680012680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	Slip Test
5	September	<p><b>LITERATUTRE READER</b></p> <p><b>F3.</b> The Man Who Knew Too Much</p> <p><b>P4.</b> The Seven Ages</p> <p><b>WRITING:</b> Paragraph Writing</p>	<p>Writing paragraphs based on the themes from MCB</p> <p><a href="https://learnenglishteens.britishcouncil.org/skills/writing/a1-writing/about-my-family">https://learnenglishteens.britishcouncil.org/skills/writing/a1-writing/about-my-family</a></p>	Periodic Test 2 (MCB Unit 3 to 4, Reported Speech)
6	October	<p><b>LITERATUTRE READER</b></p> <p><b>F4.</b> Keeping It from Harold</p> <p><b>MAIN COURSE BOOK</b> <b>Unit 5:</b> Mystery</p> <p>A. Bermuda Triangle  B. The Invisible Man  C. The Tragedy of Birlstone  D. Harry Potter</p> <p><b>GRAMMAR:</b> Reported Speech</p> <ul style="list-style-type: none"> <li>a. Commands and Requests</li> <li>b. Statements</li> <li>c. Questions</li> </ul>	<p>Discussion on Bermuda Triangle and The Harry Potter Series</p> <p><a href="https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/reported-speech">https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/reported-speech</a></p>	Art Integrated Project Subject Enrichment Activity

7	November	<b>LITERATUTRE READER</b> <b>F5:</b> Best Seller <b>P5.</b> Oh, I Wish I'd Looked After Me Teeth <b>GRAMMAR:</b> Clauses <ol style="list-style-type: none"> <li>1. Noun Clauses</li> <li>2. Relative Clauses</li> <li>3. Adverb Clauses</li> </ol>	<a href="https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/relative-clauses">https://learnenglishteens.britishcouncil.org/grammar/b1-b2-grammar/relative-clauses</a>	Slip test
8	December	<b>LITERATURE READER</b> <b>D2:</b> The Bishop's Candlesticks <b>Unit 6:</b> Children <ol style="list-style-type: none"> <li>a. Tom Sawyer</li> <li>b. Children of India</li> <li>c. Children and Computers</li> <li>d. Life Skills</li> <li>e. We are the World</li> </ol>		Slip test
9	January	<b>LITERATURE READER</b> <b>P6:</b> Song of the Rain <b>MAIN COURSE BOOK</b> <b>Unit 7:</b> Sports and Games <ol style="list-style-type: none"> <li>A. Grandmaster Koneru Humpy Queen of 64 Squares</li> <li>B. It's Sports day</li> <li>C. Hockey and Football</li> </ol> <b>GRAMMAR:</b> Determiners	Writing a short biographical sketch about your favourite sportsperson. Write a Diary Entry on how you felt about the conduct of the Annual Sports Meet of your school. <a href="https://learnenglishteens.britishcouncil.org/grammar/a1-a2-grammar/definite-article">https://learnenglishteens.britishcouncil.org/grammar/a1-a2-grammar/definite-article</a> (for teaching definite article from Determiners)	Periodic Test-03 (Fiction 5 to Drama 2)
10.	February	REVISION		Slip Tests
11	March	<b>SESSION ENDING EXAMINATION</b>		

**1. The Slip Tests can be conducted for 5/10/15/20 Marks. The types of the of Slip Tests that can be given, are suggested below:**

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

**2. Listening Exercise can be accessed by clicking on to the pdf link given below.** <https://drive.google.com/file/d/1aj23yJ-CfyFkA6bGFhNlwd5SKMrtkajR/view?usp=sharing>

**Listening, reading, writing and grammar links have been taken from the Official Site of The British Council**

**NOTE: \*\* LAT (Learner's Achievement Test) every month**

## CLASS IX

## SUBJECT- HINDI COURSE A (002)

क्र. स.	महीना	पाठ्यपुस्तक/पाठ का नाम क्षितिज भाग-1, कृतिका भाग- 1, व्याकरण और रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री / नवीन दृष्टिकोण / नवाचार	परीक्षा/ मूल्यांकन
1.	1. अप्रैल- 2. मई 2025	3. दो बैलों की कथा 4. साखियां एवं सबद 5. अपठित गद्यांश 6. उपसर्ग, प्रत्यय  1. उपसर्ग, प्रत्यय	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> NCERT द्वारा प्रस्तुत - <a href="https://youtu.be/cq0Lgg7iM14">https://youtu.be/cq0Lgg7iM14</a> <a href="https://www.youtube.com/live/GAZxF8qDzns?feature=share">https://www.youtube.com/live/GAZxF8qDzns?feature=share</a> भक्तिकाल एवं अन्य संत कवियों का परिचय	पर्ची परीक्षण, बहुविकल्पीय प्रश्नपरीक्षण
2.	जून	7. ल्हासा की ओर 8. अपठित पद्यांश	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> छात्रों के अपने यात्रा-अनुभव की मौलिक अभिव्यक्ति एनसीईआरटीद्वारा प्रस्तुत- <a href="https://www.youtube.com/live/B2xZaLA6lQs?feature=share">https://www.youtube.com/live/B2xZaLA6lQs?feature=share</a>	वाचन कौशल परीक्षण
3	जुलाई	1. वाख 2. उपभोक्तावाद की संस्कृति 3. इस जल प्रलय में 4. अनुच्छेद लेखन	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> विभिन्न वस्तुओं के विश्लेषण का संग्रहण एवं विश्लेषण रचना <a href="https://youtu.be/86daqfluZ2w">https://youtu.be/86daqfluZ2w</a> (एनसी ई आर टी द्वारा प्रस्तुत) <a href="https://youtu.be/KsI-i4IH18A">https://youtu.be/KsI-i4IH18A</a> (एनसी ई आर टी द्वारा प्रस्तुत) विभिन्न विषयों पर अनुच्छेद लेखन-अभ्यास	प्रथम आवधिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण

4.	अगस्त	1. सवैये 2. साँवले सपनों की याद 3. मेरे संग की औरतें 4. समास	<a href="https://youtu.be/QUPOK3W1378">https://youtu.be/QUPOK3W1378</a> (एनसी ई आर टी द्वारा प्रस्तुत) <a href="https://youtu.be/DGQKv7Ernvw">https://youtu.be/DGQKv7Ernvw</a> (एनसी ई आर टी द्वारा प्रस्तुत) <a href="https://youtu.be/9JdUhtx-Zy8">https://youtu.be/9JdUhtx-Zy8</a> (एनसी ई आर टी द्वारा प्रस्तुत) <a href="https://diksha.gov.in/play/collection/do_31310347517909401611300">https://diksha.gov.in/play/collection/do_31310347517909401611300</a>	5. वाचन 6. परीक्षण 7. पची परीक्षण
5.	सितंबर	1. कैदी और कोकिल 2. प्रेमचंद के फटे जूते 3. अर्थ के आधार पर वाक्य-भेद 4. पत्रलेखन	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> <a href="https://youtu.be/tstiPeX4CH0">https://youtu.be/tstiPeX4CH0</a> (एन सी ई आर टी द्वारा प्रस्तुत) के. विसंगठनद्वारा प्रेषित गतवर्षों की अध्ययन सामग्रियों के आधार पर व्याकरण एवं पत्रलेखन का अभ्यास	द्वितीय आवधिक परीक्षा पर्ची परीक्षण
6.	अक्टूबर	1. ग्रामश्री 2. अलंकार (शब्दालंकार: अनुप्रास, यमक, श्लेष)	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> <a href="https://youtu.be/TbtLwSJBf8g">https://youtu.be/TbtLwSJBf8g</a> (एन सी ई आर टी द्वारा प्रस्तुत) गत वर्षों के अध्ययन सामग्रियों के आधार पर अलंकार छांटने का अभ्यास	मौखिक परीक्षण श्रुतलेख
7.	नवम्बर	1. मेरे बचपन के दिन 2. रीढ़ की हड्डी 3. लघुकथा लेखन	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> छात्रों के संस्मरणों की मौजूदात का अवलोकन <a href="https://youtu.be/6T6Tnn3Eg1w">https://youtu.be/6T6Tnn3Eg1w</a> (एन सी ई आर टी द्वारा प्रस्तुत) लघुकथा लेखन- अभ्यास	पर्ची परीक्षण वाचन परीक्षण
8.	दिसम्बर	4. मेघ आए 5. ई-मेल लेखन 6. संवाद लेखन	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> के. विसंगठन द्वारा प्रेषित गतवर्षों की अध्ययन सामग्रियों के आधार पर ई-मेल लेखन एवं संवाद-लेखन का अभ्यास	पर्ची परीक्षण ई-मेल/संवाद लेखन- परीक्षण, पोर्टफोलिओ

9.	जनवरी 2025	1. बच्चे काम पर जा रहे हैं 2. सूचना लेखन	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a> बाल श्रम उन्मूलन के क्षेत्र में कार्यरत श्रेष्ठ व्यक्तियों के जीवन व कार्यों से छात्रों को अवगत कराना सुचना लेखन – अभ्यास	तृतीय आवधिक परीक्षा
10.	फरवरी	पुनरावृत्ति कार्य	<a href="https://diksha.gov.in/play/collection/do_3131034751771443201972">https://diksha.gov.in/play/collection/do_3131034751771443201972</a>	आंतरिक मूल्यांकन पुनरावृत्ति कार्य
11	मार्च	पुनरावृत्ति कार्य एवं सत्रांत परीक्षा	सत्रांत परीक्षा	

## CLASS IX

## SUBJECT- SANSKRIT

Sl. No	Month	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content/Innovative practice to be adopted	Activities	Test/exam to be Conduced
1.	APRIL & MAY	प्रथमः पाठः- अविवेकः परमापदांपदम् अपठितअवबोधनम् उच्चारणस्थानानि, स्वरसंधिः शब्दरूपाणिअकारान्तपुलिंगशब्दाः- बालकवत्।	सहायकपुस्तकानि-लघुसिद्धान्तकौमुदी, अभ्यासवान्भव । सन्धिः	लोकालाप नम्	आशुभाषणम्
		प्रत्ययः- क्त्वा, पत्रलेखन	पत्रलेखनम्		
2	JUNE	• द्वितीयः पाठः -पाथेयम् • चित्राधारितवर्णनम्  शब्दरूपाणिइकारान्तपुलिंगशब्दाः कविवत्		आत्मपरिचयः:	वाचिकप रीक्षा श्रुतलेखः
3	JULY	• तृतीयः पाठः- विजयतांस्वदेशः • चतुर्थः पाठः - विद्ययाभान्तिसगुणाः व्यञ्जनसंधिः – जशत्वसंधिः, म्स्थाने अनुस्वारः च. कारकउपपदविभक्ति द्वितीया] परस्मैपदीधातुरूपाणि -भू नम्, गम्, अस् (पञ्चलकारेषु) उकारान्तपुलिंगशब्दाः- साधुवत्		विविधविषयान्‌आधृत्यसरलवाक्यलेखनम्	लघुमूल्या ङ्कनम् PT1
4	AUGUST	• पञ्चमः पाठः - कर्मणायातिसंसिद्धिम् • स्थानबोधाकानि अव्ययानि अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र •परस्मैपदीधातुरूपाणि प्रच्छ, कृ. ज्ञा. क्षल (पञ्चलकारेषु) हलन्तशब्द-भवत् प्रत्यय तुमुन्, त्यप्		भित्तिपत्रि कानिर्माणम्	लघुपरीक्षा

5	SEPTEMBER	<ul style="list-style-type: none"> <li>षष्ठःपाठः - तत्त्वम् असि</li> <li>सप्तमः पाठः - तरवेन मोऽस्तु</li> <li>संख्याशब्दाः (1-100-1-4)</li> <li>पर्यन्तं त्रिषुलिङ्गे षुके वलं प्रथमा विभक्तौ)</li> <li>शब्दरूपाणि आकारान्त, ईकारान्त स्त्रीलिंगशब्दाः - लतावत्, नदीवत्</li> </ul>		<ul style="list-style-type: none"> <li>संख्याबोध</li> <li>कभित्तिप</li> <li>त्रिकानिर्माणम्</li> </ul>	<ul style="list-style-type: none"> <li>कर्तृक्रिया</li> <li>चयम्</li> <li>लघुपरीक्षा</li> </ul> <p>PT 2</p>
6	OCTOBER	<ul style="list-style-type: none"> <li>अष्टमः पाठः - नधर्मवृद्धेषु वयः समीक्ष्यते</li> <li>कारकउपपदविभक्ति- चतुर्थी,</li> <li>कालबोधाकानि अव्ययानि- यदा, तदा, सर्वदा, एकदा,</li> <li>पुरा, अधुना, अय, श्वः, ह्यः प्रत्ययः शत्</li> </ul>	<ul style="list-style-type: none"> <li>अव्ययानि</li> <li>चित्रदृष्टावाक्य</li> <li>लेखनम्</li> </ul>	<ul style="list-style-type: none"> <li>चित्रदृष्टा</li> <li>सरलवाक्य</li> <li>निर्माणम्</li> </ul>	<ul style="list-style-type: none"> <li>लोकपारा यणम्</li> <li>वाक्यलेख नम्।</li> </ul>
7	NOVEMBER	<ul style="list-style-type: none"> <li>नवमः पाठः कवयामिवयामियामि</li> <li>विसर्गसंधिः उत्तम्, शत्यम्, पृथ्यम्, सत्यम् च</li> <li>आत्मनेपदिनः धातुरूपाणि - सेव, लभ, रुच (लट-</li> <li>लृट्लकारयोः)</li> <li>- अकारान्तनपुंसकलिंगशब्दाः - फलवत्</li> </ul>			<ul style="list-style-type: none"> <li>विशेषण विशेष्यच</li> <li>यनम्</li> </ul>
8	DECEMBER	<ul style="list-style-type: none"> <li>दशमः पाठः - भारतीयविज्ञानम् (केवल आंतरिक मूल्याङ्कनम्) सर्वनामशब्दाः - अस्मद्, युष्मद् (त्रिषुलिङ्गेषु)</li> <li>प्रश्नबोधाकानि अव्ययानि - कुत्र, किम्, कति, कदा, कुतः, कथं, किमर्थं</li> <li>कारकउपपदविभक्ति- सप्तमी</li> </ul>	<ul style="list-style-type: none"> <li>कारकप्रयोगः</li> </ul>	<ul style="list-style-type: none"> <li>प्रश्ननिर्माणम्</li> </ul>	<ul style="list-style-type: none"> <li>लघुपरीक्षा</li> </ul>
9	JANUARY	<ul style="list-style-type: none"> <li>एकादशः पाठः - भारतेनास्ति में जीवनं जीवनम् (केवल आंतरिक मूल्याङ्कनम्) सर्वनामशब्दाः तत्, किम् (त्रिषुलिङ्गेषु) अन्यानि अव्ययानि - च, अपि, यदि. तहि, यथा, तथा, सम्यक्, एव</li> </ul>	<a href="https://www.youtube.com/watch?v=KhrPJBa_fagI">https://www.youtube.com/watch?v=KhrPJBa_fagI</a>	<ul style="list-style-type: none"> <li>सूक्तिलेखनम्</li> </ul>	<ul style="list-style-type: none"> <li>वाचिकप रीक्षा</li> </ul> <p>PT 3</p>
10	FEBRUARY	पुनरावृत्तिः			

11	MARCH	सत्रान्तपरीक्षा		SEE
----	-------	-----------------	--	-----

## Useful Links

SAMSKRIT SAVARDHANA PRATHISHSTHAAN	<a href="https://www.samskritpromotion.in">https://www.samskritpromotion.in</a>
SAMSKRIT PROMOTION FOUNDATION	<a href="https://www.samskritpromotion.in/">https://www.samskritpromotion.in/</a>
SANSKRIT BHARATHI	<a href="https://kerala.samskritabharati.in/">https://kerala.samskritabharati.in/</a>
CENTRAL SANSKRIT UNIVERSITY	<a href="https://www.sanskrit.nic.in/econtent.php">https://www.sanskrit.nic.in/econtent.php</a>
LEARN SANSKRIT	<a href="https://www.learnsanskrit.org/">https://www.learnsanskrit.org/</a>
ANDHRA GOVT	<a href="https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit">https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit</a>
RASHTRIYA SANSKRIT SNASTHAN	<a href="https://www.india.gov.in/official-website-rashtriya-sanskrit">https://www.india.gov.in/official-website-rashtriya-sanskrit</a>
RAMAKRISHNA MISSION	<a href="https://sanskrit.rkmvu.ac.in/adm-communicative-sans/">https://sanskrit.rkmvu.ac.in/adm-communicative-sans/</a>

**NOTE: \*\* LAT (Learner's Achievement Test) every month**

## CLASS IX

## SUBJECT- SCIENCE (086)

Sl No.	Month	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
1	April - May	Matter in our surroundings  MOTION	<p><b>PRACTICAL EXPERIMENT</b> Determination of the melting point of ice and the boiling point of water.  <a href="https://www.youtube.com/watch?v=38QZEsb2xJM&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=38QZEsb2xJM&amp;ab_channel=amritacreate</a></p> <p><a href="https://www.youtube.com/watch?v=nZXoe0fgJ8Q&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=nZXoe0fgJ8Q&amp;ab_channel=amritacreate</a></p> <p><b>Suggestive Activity:</b>  <b>To study the process of evaporation</b>  <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=425&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=425&amp;cnt=1</a></p> <p><b>Simulation:</b> To understand that gases are readily compressible, and liquids are not.  <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=438&amp;cnt=4">https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=438&amp;cnt=4</a></p> <p><b>Suggestive Activity</b> To draw the Position Time, Velocity time Graphs for bodies at rest, in uniform motion and uniformly accelerated motion</p> <p><b>Simulation:</b>  <a href="https://www.youtube.com/watch?v=Xo3KBoEMDEo">https://www.youtube.com/watch?v=Xo3KBoEMDEo</a></p> <p><b>Links to Video lessons:</b>  <a href="https://www.youtube.com/watch?v=dthwJG9hgBE">https://www.youtube.com/watch?v=dthwJG9hgBE</a>  <a href="https://www.youtube.com/watch?v=OzENYyB63iI">https://www.youtube.com/watch?v=OzENYyB63iI</a></p> <p><a href="https://www.youtube.com/watch?v=Xo3KBoEMDEo">https://www.youtube.com/watch?v=Xo3KBoEMDEo</a></p>	<p>*<b>Slip Tests</b>— Definition of matter; solid, liquid and gas; characteristics (shape, volume, density); change of state;</p> <p>*<b>Quiz</b>— On the topic freezing, evaporation (cooling by evaporation), condensation, sublimation;</p> <p>*<b>Exemplar Problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep101.pdf">(Test based on exemplar problems</a></p> <p>*<b>Slip Test –</b> Distance and displacement, velocity; uniform and non-uniform motion along a straight line</p> <p>*<b>NCERT Exemplar problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep108.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep108.pdf</a></p>

<p>2</p> <p><b>June</b></p> <p>Fundamental Unit of Life</p> <p><b>*PRACTICAL EXPERIMENT</b> Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells, to record observations and draw their labeled diagrams. <a href="https://www.youtube.com/watch?v=wMgXsrpVrJg&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=wMgXsrpVrJg&amp;ab_channel=amritacreate</a></p> <p><b>Suggestive Activity:</b> Drawing the labelled diagrams of Plant cell &amp; Animal cell and differentiate between them.</p> <p><b>*TEACHING AID:</b> Still Model and Chart of animal cell and plant cell</p> <p><b>Links to Video lessons:</b> Part -1 <a href="https://www.youtube.com/watch?v=jCVX8Id43Cw">https://www.youtube.com/watch?v=jCVX8Id43Cw</a> Part -2 <a href="https://www.youtube.com/watch?v=v9JC6rtzjz0">https://www.youtube.com/watch?v=v9JC6rtzjz0</a> Part -3 <a href="https://www.youtube.com/watch?v=Hra_FFpkKbc">https://www.youtube.com/watch?v=Hra_FFpkKbc</a></p>	<p><b>*Slip Test</b> Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles</p> <p><b>*NCERT Exemplar problems</b> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep105.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep105.pdf</a></p>
<p>3</p> <p><b>July</b></p> <p>Is Matter around Us Pure</p> <p><b>* PRACTICAL EXPERIMENT</b></p> <ol style="list-style-type: none"> <li>Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability. <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=28&amp;cnt=68">https://amrita.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=28&amp;cnt=68</a> <a href="https://www.youtube.com/watch?v=rSnFdRyDw-U&amp;ab_channel=FullMarksPrivateLimited">https://www.youtube.com/watch?v=rSnFdRyDw-U&amp;ab_channel=FullMarksPrivateLimited</a></li> <li>Preparation of a) A mixture b) A compound using iron filings and Sulphur powder and distinguishing between</li> </ol>	<p>*Periodic test 1</p>

		<p>these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat</p> <p><a href="https://www.youtube.com/watch?v=C2RqAE0wbqk&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=C2RqAE0wbqk&amp;ab_channel=amritacreate</a></p> <p>3. Perform the following reactions and classify them as physical or chemical changes</p> <ul style="list-style-type: none"> <li>a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water</li> </ul> <p><u><a href="#">Science Practical Class-9 Performing some reactions &amp; classifying them as physical &amp; chemical change - YouTube</a></u></p> <p><b>*Suggestive activity</b></p> <p>Preparation of Homogeneous and Heterogeneous mixtures using water, Ink, Sand, Oil and Sugar</p> <p><u><a href="#">Class 9th Science Activity 2.1 (Practical Video)   Heterogenous and Homogenous Mixtures - YouTube</a></u></p> <p><b>*Suggestive activities</b></p> <p>Activities based on Newton's First second and Third law of motion</p> <p>First law of motion</p> <p><a href="https://www.youtube.com/watch?v=NGt1zaAXANc">https://www.youtube.com/watch?v=NGt1zaAXANc</a></p> <p>Second law of motion</p> <p><u><a href="#">Newton's second law of motion - YouTube</a></u></p> <p>*</p> <p><b>Slip Test</b></p> <p>Newton's first law, second and third law of motion</p>	
4	August	Force and Laws of Motion (Contd)	<p><b>*Suggestive activity</b></p> <p>Third law of motion</p> <p><u><a href="#">Newton's third law of motion - YouTube</a></u></p> <p><b>*NCERT Exemplar problems (Force and Laws of Motion):</b></p> <p><u><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep109.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep109.pdf</a></u></p>

		Tissues	<p><b>*PRACTICAL EXPERIMENT</b></p> <p>Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p> <p><a href="https://www.olabs.edu.in/?sub=79&amp;brch=15&amp;sim=131&amp;cnt=42_6">https://www.olabs.edu.in/?sub=79&amp;brch=15&amp;sim=131&amp;cnt=42_6</a></p> <p><b>Simulation:</b></p> <p><a href="https://www.olabs.edu.in/?sub=79&amp;brch=15&amp;sim=131&amp;cnt=4">https://www.olabs.edu.in/?sub=79&amp;brch=15&amp;sim=131&amp;cnt=4</a></p> <p><b>*Suggestive activities</b></p> <p>Activity on Meristematic tissues:</p> <p><a href="#">Activity on Meristematic Tissues - YouTube</a></p> <p>Making a model of neuron</p> <p><a href="#">MODEL OF A NEURON - HINDI - 9MB.avi - YouTube</a></p>	<p><b>*Slip Test</b></p> <p>Types and functions of Tissues.</p> <p>.</p> <p>*NCERT Exemplar problems</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep106.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep106.pdf</a></p>
5	September	Gravitation	<p><b>*PRACTICAL EXPERIMENTS</b></p> <p>1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder</p> <p><a href="https://www.youtube.com/watch?v=md-Qk_g9NEo&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=md-Qk_g9NEo&amp;ab_channel=amritacreate</a></p> <p><b>Simulation:</b></p> <p><a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=2&amp;cnt=4">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=2&amp;cnt=4</a></p> <p>2. Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids</p> <p><a href="https://www.youtube.com/watch?v=eIb4VQGoyvI&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=eIb4VQGoyvI&amp;ab_channel=amritacreate.</a></p>	<p>*Periodic test 2/ HY Exam</p> <p>*</p> <p>NCERT Exemplar problems</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep110.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep110.pdf</a></p>

		<p><b>Link to Video</b> To Show that all objects, big or small, heavy or light, all fall at the same rate (using (Eraser, Chalk, Pebble...))</p> <p><a href="https://www.youtube.com/watch?v=E43-CfukEgs">https://www.youtube.com/watch?v=E43-CfukEgs</a></p> <p><b>Simulation:</b> <a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=72&amp;cnt=1">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=72&amp;cnt=1</a></p> <p><b>*Suggestive activity</b> To observe and compare the pressure exerted by a solid iron cuboid on sand while resting on its three different faces and to calculate the pressure exerted in the three cases. <a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=71&amp;cnt=4">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=71&amp;cnt=4</a></p>	
6	October	<p><b>*PRACTICAL EXPERIMENT</b></p> <p>Verification of the law of conservation of mass in a chemical reaction. <a href="https://www.youtube.com/watch?v=casNoSzuma4&amp;ab_channel=amritacreate">https://www.youtube.com/watch?v=casNoSzuma4&amp;ab_channel=amritacreate</a></p> <p><b>Simulation:</b> <a href="https://www.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=118&amp;cnt=4">https://www.olabs.edu.in/?sub=73&amp;brch=2&amp;sim=118&amp;cnt=4</a></p> <p><b>* Teaching Aid – Molecular Model Set</b></p> <p><b>Links to Video lesson:</b> <a href="#">Live Interaction on PMeVIDYA : Chapter 3: Atoms and Molecules - YouTube</a></p> <p><b>Links to Video lessons:</b> <a href="https://www.youtube.com/watch?v=gqyILauETxE">https://www.youtube.com/watch?v=gqyILauETxE</a> <a href="https://www.youtube.com/watch?v=38xLDSrMxeE">https://www.youtube.com/watch?v=38xLDSrMxeE</a></p>	<p><b>*Slip Test</b></p> <p>*NCERT Exemplar problems c <a href="https://ncert.nic.in/pdf/publication/exemplarp roblem/classIX/science/ieep103.pdf">https://ncert.nic.in/pdf/publication/exemplarp roblem/classIX/science/ieep103.pdf</a></p>

7	November	Work and Energy (Contd)  Structure of Atom	<p><b>Simulation:</b></p> <p>Alpha particle scattering experiment  <a href="https://cdac.olabs.edu.in/?sub=75&amp;brch=12&amp;sim=88&amp;cnt=187">https://cdac.olabs.edu.in/?sub=75&amp;brch=12&amp;sim=88&amp;cnt=187</a></p> <p><b>Links to Video lessons:</b></p> <p><a href="https://www.youtube.com/watch?v=Ej7ETVGBZ34&amp;ab_channel=NCERTOFFICIAL">https://www.youtube.com/watch?v=Ej7ETVGBZ34&amp;ab_channel=NCERTOFFICIAL</a></p>	<p>*</p> <p><b>NCERT Exemplar problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep111.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep111.pdf</a></p> <p><b>*NCERT Exemplar problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep104.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep104.pdf</a></p>
8	December	Sound	<p><b>*PRACTICAL EXPERIMENT</b></p> <p>1. To verify the laws of reflections of sound.  <a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=1&amp;cnt=213">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=1&amp;cnt=213</a></p> <p>2. To find the velocity of a pulse through a slinky.  <a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=93&amp;cnt=435">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=93&amp;cnt=435</a></p> <p><b>*Teaching Aids-</b></p> <p>Tuning fork, Rubber pad, Hammer, Slinky;</p> <p><b>Simulation:</b></p> <p><a href="https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=1&amp;cnt=4">https://www.olabs.edu.in/?sub=1&amp;brch=1&amp;sim=1&amp;cnt=4</a></p> <p><b>Links to Video lessons:</b></p> <p><a href="#">Sound and its Production   English - YouTube</a>  <a href="#">Bell Jar Experiment - MeitY OLabs - YouTube</a></p>	<p><b>Slip Test</b></p> <p>Nature of sound and its propagation in various media, speed of sound</p> <p><b>*NCERT Exemplar problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep112.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep112.pdf</a></p>
9	January	Improvement in Food Resources	<p><b>*Suggestive activity</b></p> <p>Prepare a herbarium of food yielding plants.</p> <p><b>Links to Video lessons:</b></p> <p><a href="#">Live Interaction on PMeVIDYA: Improvement in Food Resources-1 - YouTube</a></p>	<p><b>Slip Test</b>  <b>Different types of crops, nutrients and the methods of irrigation</b></p> <p><b>*NCERT Exemplar problems</b>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep115.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classIX/science/ieep115.pdf</a></p> <p><b>Periodic Test -3</b></p>

		<a href="#">Live Interaction on PMeVIDYA : Improvement in Food resources Part-2 - YouTube</a>  <a href="#">Live Interaction on PMeVIDYA : Improvement in Food Resources Part- 3 - YouTube</a>	
10	<b>February</b>	Revision	
11	<b>March</b>	<b>Session Ending examination</b>	

## Useful Links

Question Bank: Class IX Science	<a href="https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/Item-Bank---Science-Class-9.pdf</a>
Curriculum Aligned Competency Based Test Items : Class IX Science	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-9.pdf</a>
Teacher Energised Resource Manuals: Science Term Hindi Medium	<a href="https://cbseacademic.nic.in/https://cbseacademic.nic.in/web_material/term/9science_Hi.pdf">https://cbseacademic.nic.in/https://cbseacademic.nic.in/web_material/term/9science_Hi.pdf</a>
CBSE Handbooks: Practice Book Science 9	<a href="https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Science9.pdf">https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Science9.pdf</a>
CBSE Teacher Manuals: Class IX:Science	<a href="https://cbseacademic.nic.in/web_material/term/9science.pdf">https://cbseacademic.nic.in/web_material/term/9science.pdf</a>

**NOTE: \*\* LAT (Learner's Achievement Test) every month**

**CLASS IX****SUBJECT- MATHEMATICS (041)**

<b>SL. NO</b>	<b>MONTH</b>	<b>NAME OF THE CHAPTER</b>	<b>TEACHING AIDS/ E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED</b>	<b>TEST/EXAMINATION TO BE CONDUCTED</b>
1	APRIL-MAY	NUMBER SYSTEMS  POLYNOMIALS	<p><a href="https://diksha.gov.in/play/content/do_31265071542564454411492">https://diksha.gov.in/play/content/do_31265071542564454411492</a></p> <p>Activity: Square roots of natural number on number line, to construct spiral square roots  <a href="https://www.cbsetuts.com/ncert-class-9-maths-lab-manual-construct-square-root-spiral/">https://www.cbsetuts.com/ncert-class-9-maths-lab-manual-construct-square-root-spiral/</a></p> <p>Explanation of number system by Venn diagram</p>	<p><a href="https://docs.google.com/forms/d/e/1FAIpQLSdVFMgdLg9Tiqh0eIHKlwMB8jsgvfnJJmTULzOjVhW18xy18A/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSdVFMgdLg9Tiqh0eIHKlwMB8jsgvfnJJmTULzOjVhW18xy18A/viewform?usp=sf_link</a></p> <p><a href="https://docs.google.com/forms/d/e/1FAIpQLSdmEs9XQaqIPwdqbWxgNMFMw1TbjEpGWdaGj6JiHcbk2tNfDQ/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSdmEs9XQaqIPwdqbWxgNMFMw1TbjEpGWdaGj6JiHcbk2tNfDQ/viewform?usp=sf_link</a></p>
2	JUNE	POLYNOMIALS (CONTD)	<p><a href="https://diksha.gov.in/play/content/do_312579870119313408111221">https://diksha.gov.in/play/content/do_312579870119313408111221</a></p> <p><a href="https://diksha.gov.in/play/content/do_312579870128037888210969">https://diksha.gov.in/play/content/do_312579870128037888210969</a></p> <p>Activity: Verification of identities <math>(a+b+c)^2</math> , <math>(a+b)^3</math></p> <p>Explanation of zeroes of linear, quadratic, cubic polynomials and types of graphs can be obtained</p>	<p><a href="https://docs.google.com/forms/d/e/1FAIpQLSePk6nGpZ0BiHLmdw-Omp2cKyxQfsSQOREB0YHnE-MpRBkWpxQ/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSePk6nGpZ0BiHLmdw-Omp2cKyxQfsSQOREB0YHnE-MpRBkWpxQ/viewform?usp=sf_link</a></p>
3	JULY	LINEAR EQUATIONS IN TWO VARIABLES  COORDINATE GEOMETRY	<p><a href="https://diksha.gov.in/play/content/do_312579872668131328111376">https://diksha.gov.in/play/content/do_312579872668131328111376</a></p> <p>Activity: To draw graph of linear equation on plane</p> <p><a href="https://diksha.gov.in/play/content/do_31264308024403558414258">https://diksha.gov.in/play/content/do_31264308024403558414258</a></p> <p>Activity : To find hidden picture by plotting points</p> <p>Use of coordinate geometry in regulating air traffic , in GPS etc</p>	PERIODIC TEST 1

4	AUGUST	INTRODUCTION TO EUCLID'S GEOMETRY	<a href="https://diksha.gov.in/play/content/do_31274765443053158413808">https://diksha.gov.in/play/content/do_31274765443053158413808</a>	<a href="https://docs.google.com/forms/d/e/1FAIpQLSew2AmlWYl6NFqiBCN5xSl1ptR3xYoFUVJLpBahdUgcFa6jA/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSew2AmlWYl6NFqiBCN5xSl1ptR3xYoFUVJLpBahdUgcFa6jA/viewform?usp=sf_link</a>
		LINES AND ANGLES	Explanation of difference between Euclidean and non-Euclidean geometry in the nature of parallel lines	
			<a href="https://diksha.gov.in/play/content/do_312579870380105728210986">https://diksha.gov.in/play/content/do_312579870380105728210986</a>	
5	SEPTEMBER	TRIANGLES	Activity : To verify when two lines intersect then vertically opposite angles are equal	<a href="https://docs.google.com/forms/d/e/1FAIpQLSfrQQshuT6OqXY2Fb8nVJerpcopo4-Y0_D33HFRWX03mT-vg/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSfrQQshuT6OqXY2Fb8nVJerpcopo4-Y0_D33HFRWX03mT-vg/viewform?usp=sf_link</a>
			Explanation of angles and pair of angles using real life examples	
			<a href="https://diksha.gov.in/play/content/do_312579870514012160210995">https://diksha.gov.in/play/content/do_312579870514012160210995</a>	
6	OCTOBER	QUADRILATERALS	Activity : Congruence of triangles by making cut outs of triangles	<a href="https://docs.google.com/forms/d/e/1FAIpQLScZELxnuso0mMh-tv9A83SeDhdWbbcWEviw2OTh25kMUkgBA/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLScZELxnuso0mMh-tv9A83SeDhdWbbcWEviw2OTh25kMUkgBA/viewform?usp=sf_link</a>
			Triangles are more solid shapes of world and their use in construction	
		CIRCLES	<a href="https://diksha.gov.in/play/content/do_31298100661175910416">https://diksha.gov.in/play/content/do_31298100661175910416</a>	
			Activity : Diagonal divides a parallelogram into two congruent triangles	
			<a href="https://diksha.gov.in/play/content/do_31331739053461504011130">https://diksha.gov.in/play/content/do_31331739053461504011130</a>	
			Activity: Angles subtended by an arc of a circle at centre and at any point on the circle, angles in the same segment, opposite angles of cyclic quadrilateral	
			Explanation how circles can be made in playground without using compass	

PERIODIC TEST 2

7	NOVEMBER	CIRCLES (CONTD)	<a href="https://diksha.gov.in/play/content/do_31331802895138816011687">https://diksha.gov.in/play/content/do_31331802895138816011687</a>	
		HERON'S FORMULA	<a href="https://diksha.gov.in/play/content/do_312526065155661824132963">https://diksha.gov.in/play/content/do_312526065155661824132963</a> Use of Heron's formula(for eg. Forest area)	
8	DECEMBER	SURFACE AREA AND VOLUMES	<a href="https://diksha.gov.in/play/content/do_31327850098370969611266">https://diksha.gov.in/play/content/do_31327850098370969611266</a>	<a href="https://docs.google.com/forms/d/e/1FAIpQLSc_yysWi0H_UHYcQZPq0XzroU5ZB-FmjfrnSntREKx531LvA/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSc_yysWi0H_UHYcQZPq0XzroU5ZB-FmjfrnSntREKx531LvA/viewform?usp=sf_link</a>
			Activity : To find formula for curved surface area of right circular cylinder.	
9	JANUARY 2025	STATISTICS	<a href="https://diksha.gov.in/play/content/do_31263368161628979221820">https://diksha.gov.in/play/content/do_31263368161628979221820</a>	<a href="https://docs.google.com/forms/d/e/1FAIpQLSc_L87NsEXd7DGK0UtzUjbKRe5RV4e5glwEhZs7CeT075v_OZQ/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSc_L87NsEXd7DGK0UtzUjbKRe5RV4e5glwEhZs7CeT075v_OZQ/viewform?usp=sf_link</a>  PERIODIC TEST 3
			Activity : To draw histogram of heights of students of your class.	
			Project: To draw bar graph of household expenditure of your family of a month / yearly	
10	FEBRUARY		REVISION	
11	MARCH		SESSION ENDING EXAMINATION	

## Useful Links

Question Bank: Class IX Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Item-Bank---Maths---Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/Item-Bank---Maths---Class-9.pdf</a>
Curriculum Aligned Competency Based Test Items : Class IX Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-9.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-9.pdf</a>
CBSE Handbooks: Practice Book Maths 9	<a href="https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Maths9.pdf">https://cbseacademic.nic.in/web_material/Manuals/PracticeBook_Maths9.pdf</a>
CBSE Teacher Manuals: Class IX:Maths	<a href="https://cbseacademic.nic.in/web_material/term/9Math.pdf">https://cbseacademic.nic.in/web_material/term/9Math.pdf</a>

**NOTE: \*\* LAT (Learner's Achievement Test) every month**

## CLASS IX

## SUBJECT- SOCIAL SCIENCE (087)

Sl No.	Month	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
1	April & May 2025	(H1) French Revolution  (P1) What is democracy? Why democracy?	<p><b>French Revolution</b></p> <p>Suggestive Activities</p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Map activity-Identifying/locating France and other European Countries</p> <p>Quiz/Worksheet-MCQ</p> <p>Debate-Topic-French Revolution created a society based on Equality in France.</p> <p>Prepare a list of books which triggered French Revolution</p> <p><b>What is democracy? Why democracy?</b></p> <p><b>Suggestive Activities</b></p> <p>Debate-Topic-Democracy is the best governmental system in the world</p> <p>List down the features of democracy.</p> <p>Prepare a chart on Fundamental Rights and Duties.</p>	Slip test
		(E1) The story of village Palampur	<p>PPT: <a href="#">Gr. 9. Eco.Ch. 1 .The Story of Village Palampur.pptx - Google Drive</a></p> <p><a href="https://diksha.gov.in/play/content/do_31290675346932531213170">https://diksha.gov.in/play/content/do_31290675346932531213170</a></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Concept mapping of Various Factors of Production</p> <p>Survey and Case study of the agricultural income of farmers in the locality</p> <p>Prepare a list of Agricultural inputs used for a few selected crops</p> <p>Make a list of factors of production; physical capital — fixed and working, and human capital.</p>	Slip test
2	June	(G1) India: Size and Location + Mapwork  (P2) Constitutional Design	<p><b>India: Size and Location</b></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Map Activity-Identify/locate/label important aspects of India 's location</p> <p>Collect information about States and UTs in terms of languages, food, dress, cultural traditions, etc. and prepare an Album</p>	Map test

			<p>Prepare a write up on your own state/ union territory</p> <p><b>Constitutional Design</b></p> <p><b>Suggested Activities</b></p> <p>Group Discussion on the Salient Features of Indian Constitution</p> <p>Youth Parliament</p> <p>Picture Album of the glimpses of the Constituent Assembly</p> <p>Prepare a chart of the Preamble of the Indian Constitution</p>	
3	July	(H2) Socialism in Europe and the Russian Revolution (G2) Physical Features of India + Map work	<p><b>Socialism in Europe and the Russian Revolution</b></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/.</a></p> <p>Map activity-Identify/Locate the European countries mentioned in the lesson</p> <p>Concept mapping of the causes of the Russian Revolution</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a short Essay on the Topic-The global impact of the Russian Revolution.</p> <p><b>Physical Features of India</b></p> <p><b>Suggested Activities</b></p> <p>Map Activity-Identify and label the Physical Features of India</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a Video Album of any one of the Physical features of India</p>	<b>PT -1</b>
4	August	(E2) People as Resource  (H3) Nazism and the rise of Hitler	<p><b>Nazism and the rise of Hitler</b></p> <p>PPT: <a href="https://docs.google.com/presentation/d/1JzXWVgkxPjyfOOGvDwvLmzqNzYUWzIw/edit#slide=id.g1">Chapter 3 Nazism and the Rise of Hitler.pptx - Google Drive</a></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/.</a></p> <p>Map Activity-Identify/Locate the European countries mentioned in the lesson</p> <p>Write a poem/collect poems related to the life and death of Concentration camp victims</p>	<b>CCT – passage and questions</b>

			<p>Quiz/Worksheet-MCQ</p> <p>Write a short note on the propaganda strategy of Hitler</p> <p><b>People as Resource</b></p> <p><b>Suggested Activities</b></p> <p>Survey/ Data collection/Case study of educated unemployment</p> <p>Flow chart on type of unemployment.</p> <p>List down the various Employment Generation Programs of India.</p> <p>Debate-Topic-Population, an asset or liability?</p>	
5	September	(G3) Drainage  (E3) Poverty as challenge  (G4) Climate + Map work/Project work	<p><b>Drainage</b></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Map activity-Identify/Locate the major Rivers of India</p> <p>Prepare a table furnishing the features of different rivers</p> <p>Write down the story of a river</p> <p>Prepare an article on Ganga Action Plan.</p> <p><b>Poverty as challenge</b></p> <p><b>Suggested Activities</b></p> <p>Concept Mapping on the causes of poverty.</p> <p>Case study/Survey on the calorie intake of a selected group and data interpretation</p> <p>List down the various Poverty Alleviation Programs of India</p>	<b>PT -2 – HALF YEARLY</b>
6	October	(H4) Forest society and colonialism  (P3) Electoral Politics	<p><b>Forest society and colonialism</b></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Prepare table of the states of India and their forest areas</p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare an Essay on the topic Colonial rule and deforestation in India.</p>	

		(G5) Natural vegetation and wildlife + Map work	<p><b>Electoral Politics</b></p> <p><b>Suggested Activities</b></p> <p>Role Play-The entire Election process may be dramatized</p> <p>Public speaking-Topic- Election is the political barometer of democracy.</p> <p>List down the functions of Election Commission in India</p> <p>Analyze a cartoon given in the lesson and write your interpretation/Design a cartoon and invite opinions.</p> <p><b>Natural vegetation and wildlife</b></p> <p><b>Suggested Activities</b></p> <p>Map Activity-Identify/Locate the Natural Vegetable types of India</p> <p>Quiz/Worksheet-MCQ</p> <p>Video Album of the flora and fauna of different forests</p> <p>Concept mapping of the features of different Natural Vegetation types</p>	
7	November	<p>(H5) Pastoralists in the modern world</p> <p>(E4) Food security in India</p>	<p><b>Pastoralists in the modern world</b></p> <p><a href="#"><u>Chapter 5 Pastoralists in the Modern India.pptx - Google Drive</u></a></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/</a>.</p> <p>Write a short note on the life of the pastoralists</p> <p>Role play-on the life of the pastoralists</p> <p>Quiz/Worksheet-MCQ</p> <p><b>Food security in India</b></p> <p><b>Suggested Activities</b></p> <p>Prepare a list of social groups who are food insecure</p> <p>Flow chart on different dimensions of food security</p> <p>Group Discussion –Ensuring food security is the prime task of governments</p> <p>Board Project on Disaster Management</p>	project

9	December	(P4) Working of the Institutions  (G6) Population	<p><b>Population</b></p> <p><a href="#">Chapter 6 Population.pptx - Google Drive</a></p> <p><b>Suggested Activities</b></p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/.</a></p> <p>Quiz/Worksheet-MCQ</p> <p>Flow chart on different factors of population change</p> <p>Group Discussion-When India becomes largest populous country.</p> <p><b>Working of the Institutions</b></p> <p><b>Suggested Activities</b></p> <p>List down any 10 political institutions in India.</p> <p>Concept Mapping of the powers of the President of India</p> <p>Quiz/Worksheet MCQ</p> <p>Role play</p>	
10	January 2025	(P5) Democratic Rights	<p><b>Democratic Rights</b></p> <p><b>Suggested Activities</b></p> <p>Role play on protection of Democratic Rights</p> <p>Prepare an Essay on the topic- Democratic Rights</p> <p>Prepare a chart on Fundamental Rights</p> <p><a href="https://kvno2jaipur.wordpress.com/class-9/">https://kvno2jaipur.wordpress.com/class-9/.</a></p> <p>Students can watch the “SAMVIDHAN” episode of Sansad T.V.on:</p> <p><a href="https://www.youtube.com/watch?v=0U9KDQnlsNk">https://www.youtube.com/watch?v=0U9KDQnlsNk</a>.</p>	PT -3
11	February		<b>REVISION</b>	
12	March		<b>SESSION ENDING EXAMINATION (SEE)</b>	

**NOTE: \*\* LAT (Learner's Achievement Test) every month**

**Class -9****Subject: Artificial Intelligence (417)**

Sl.	Month	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted			
<b>PART-A: EMPLOYABILITY SKILLS</b>							
1	April & May	Unit 1: Communication Skills-I	<a href="https://ncert.nic.in/vocational/pdf/ies101.pdf">https://ncert.nic.in/vocational/pdf/ies101.pdf</a>				
		Unit 2: Self-management Skills-I					
		Unit 3: Information and Technology Skills-I					
		Unit 4: Entrepreneurial Skills-I					
		Unit 5: Green Skills-I					
<b>PART-B – SUBJECT SPECIFIC SKILLS</b>							
<b>UNIT 1: INTRODUCTION TO ARTIFICIAL INTELLIGENCE (AI)</b>							
2	June & July	<u>Excite:</u>	<a href="https://cbseskilleducation.com/introduction-to-artificial-intelligence-class-9/">https://cbseskilleducation.com/introduction-to-artificial-intelligence-class-9/</a>	PT 1			
		To identify and appreciate Artificial describe its applications in daily life.					

		<p><b>To relate, apply and reflect on the new Interactions.</b> To identify and interact mains of AI: Data, Computer Vision, Language Processing.</p>		
--	--	---	--	--

	To undergo an assessment for ss towards acquired AI-Readiness		
	<b>Relate:</b>		
	Learners to relate to application of nce in their daily lives		
	To unleash their imagination towards d build an interactive story around it. and reflect on the Human-Machine		
	<b>Purpose:</b>		
	To understand the impact of nce on Sustainable Development o responsible citizenship.		
	<b>Possibilities:</b>		
	To research and develop awareness l for jobs of the future.		

		To imagine, examine and reflect on different aspects of AI and its impact on society, environment and economy. To develop effective communication and teamwork skills.	
3	August	<b>AI Ethics:</b> To understand and reflect on the ethical implications of AI. To gain awareness around AI bias and discrimination. To let the students analyses the disadvantages of Artificial Intelligence.	
4	September	<b>Problem Scoping</b>  <b>Problem Scoping:</b> Identify the AI Project Cycle  Learn problem scoping and ways to AI project	<a href="https://cbseskilleducation.com/ai-project-cycle-class-9-notes/">https://cbseskilleducation.com/ai-project-cycle-class-9-notes/</a>  <b>Periodic Test-II :/ HY Exam</b>  <b>Employability Skills</b>  <b>PART-A</b>  <b>and</b>  <b>PART-B</b>  <b>UNIT-1:</b>  <a href="https://cbseskilleducation.com/artificial-intelligence-class-9-solutions-qa-cbse-skill-education/">Artificial Intelligence Class 9 Solutions QA - CBSE Skill Education</a>

		Identify stakeholders involved in the Brainstorm on the ethical issues the problem selected.	
		Understand the iterative nature of for in the AI project cycle. Foresee required and the kind of analysis to be	
		Share what the students have	
5	October	<p><b>Data Acquisition</b></p> <p>Identify data requirements and find to obtain relevant data.</p>	<p><b>Smart Board Touch Panels/ Projector/ MM Studio/ / Self explained video lessons. Any Innovative practices teacher</b></p>
		<p><b>Data Exploration</b></p> <p>To understand the purpose of Data</p>	<p><b>Smart Board Touch Panels/ Projector/ MM Studio/ / Self explained video lessons. Any Innovative practices teacher</b></p>

		Use various types of graphs to represent data.		
6	November	<b>Modelling</b>		
		Understand modeling (Rule-based & Decision Trees).		
			<b>Smart Board Touch Panels/ Projector/ MM Studio/ / Self explained video lessons. Any Innovative practices by teacher</b>	
		Understand and visualise computer's symbols, alphabets and handwritings		
7	December	<b>UNIT 3: NEURAL NETWORK:</b>		
		Understand and appreciate the concept of work through gamification.	<a href="https://cbseskilleducation.com/neural-network-class-9-notes/">https://cbseskilleducation.com/neural-network-class-9-notes/</a>	
8	January	<b>UNIT 4: INTRODUCTION TO PYTHON:</b>		
		Learn basic programming skills on different platforms	<a href="https://ncert.nic.in/textbook/pdf/keip103.pdf">https://ncert.nic.in/textbook/pdf/keip103.pdf</a>	
		Acquire introductory Python skills in a very user-friendly format.		<b>PT -III (40 Marks)</b>

			<p><b>Topics:</b></p> <p><b>PART-B: UNIT 2&amp;3</b></p> <p>i.e</p> <p><b>AI project cycle, Neural networks,</b></p>
			<p><a href="#"><u>Unit 2: AI Project Cycle Class 9 and Answers CBSE Python</u></a></p>
			<p><a href="https://cbsepython.in/neural-ass-9-questions-and-answers/">https://cbsepython.in/neural-ass-9-questions-and-answers/</a></p>
<b>9</b>	<b>February</b>	<b>Revision / Test Examinations</b>	
<b>10</b>	<b>March</b>	<b><u>Session Ending Examination (50 Marks)</u></b>	<p><b>SSE (50 Marks)</b></p> <p><b>FULL SYLLABUS</b></p>

**NOTE: \*\* LAT (Learner's Achievement Test) every month**



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

# **CLASS X**

## CLASS X

## SUBJECT- ENGLISH LANGUAGE &amp; LITERATURE (184)

Sl. No.	Months	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April & MAY	<b>FIRST FLIGHT-</b> Prose-A Letter to God. <b>Poems</b> -Dust of Snow Fire & Ice  <b>FOOTPRINTS WITHOUT FEET-</b> Triumph of Surgery  <b>GRAMMAR</b> -Tenses  <b>WORDS &amp; EXPRESSIONS</b> - UNIT -01  <b>WRITING TASK</b> -Analytical Paragraph	<a href="https://www.youtube.com/watch?v=Em2kBA4U20M">https://www.youtube.com/watch?v=Em2kBA4U20M</a> <a href="https://epathshala.nic.in/watch.php?id=4055">https://epathshala.nic.in/watch.php?id=4055</a> <a href="https://epathshala.nic.in/watch.php?id=4269">https://epathshala.nic.in/watch.php?id=4269</a> <a href="https://www.youtube.com/watch?v=pyOlo053K88">https://www.youtube.com/watch?v=pyOlo053K88</a> <ul style="list-style-type: none"> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ Mind Maps</li> <li>➤ PPT</li> </ul>	Monthly Test-01
		<b>Poem</b> - A Tiger in the Zoo <b>Prose</b> -Nelson Mandela- Long Walk to Freedom  Reading practice for summer vacation	<a href="https://epathshala.nic.in/watch.php?id=4056">https://epathshala.nic.in/watch.php?id=4056</a> <ul style="list-style-type: none"> <li>➤ Flipped Classroom</li> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> </ul> <a href="https://learnenglishteens.britishcouncil.org/skills/reading">https://learnenglishteens.britishcouncil.org/skills/reading</a>	

2	June	<p><b>FIRST FLIGHT-</b> Prose-Two Stories About Flying Poem-How to Tell Wild Animals <b>Prose</b>-From the Diary of Anne Frank</p> <p><b>FOOTPRINTS WITHOUT FEET-</b> The Thief's Story</p> <p>The Midnight Visitor</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT -02</b></p> <p><b>GRAMMAR</b>-Modals</p> <p><b>WRITING TASK</b>-Letter to the Editor/ Organisation</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4056">https://epathshala.nic.in/watch.php?id=4056</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4057">https://epathshala.nic.in/watch.php?id=4057</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4058">https://epathshala.nic.in/watch.php?id=4058</a></p> <p><a href="https://www.youtube.com/watch?v=AUWE9qbKvrc">https://www.youtube.com/watch?v=AUWE9qbKvrc</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4270">https://epathshala.nic.in/watch.php?id=4270</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4271">https://epathshala.nic.in/watch.php?id=4271</a></p> <p><a href="https://www.youtube.com/watch?v=Va6aceRBdtY&amp;t=50s">https://www.youtube.com/watch?v=Va6aceRBdtY&amp;t=50s</a></p> <ul style="list-style-type: none"> <li>➤ Peer Teaching</li> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> </ul>	Monthly Test-2
3	July	<p><b>FIRST FLIGHT-</b> Prose-Glimpses of India</p> <p><b>Poem</b>-The Ball Poem</p> <p><b>FOOTPRINTS WITHOUT FEET-</b> A Question of Trust</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT -03</b></p> <p><b>GRAMMAR</b>-Subject Verb Agreement</p> <p><b>WRITING TASK</b>-Letter of Complaint</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4061">https://epathshala.nic.in/watch.php?id=4061</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4272">https://epathshala.nic.in/watch.php?id=4272</a></p> <p><a href="https://www.youtube.com/watch?v=Va6aceRBdtY">https://www.youtube.com/watch?v=Va6aceRBdtY</a></p> <ul style="list-style-type: none"> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> <li>➤ ASL</li> </ul>	Periodic test-01 Subject Enrichment Activity
4	August	<p><b>FIRST FLIGHT-</b> Poem-Amanda</p> <p><b>Prose</b>-Mijbil the Otter</p> <p><b>FOOTPRINTS WITHOUT FEET-</b> Footprints Without Feet</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4062">https://epathshala.nic.in/watch.php?id=4062</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=205">https://epathshala.nic.in/watch.php?id=205</a></p>	Monthly Test-03

		<p>The Making of a Scientist</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT -04</b></p> <p><b>GRAMMAR</b>-Reported Speech</p> <p><b>WRITING TASK</b>-Letter of Placing Order</p>	<p><a href="https://www.youtube.com/watch?v=PJiiNDs8h5Q&amp;t=23s">https://www.youtube.com/watch?v=PJiiNDs8h5Q&amp;t=23s</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4273">https://epathshala.nic.in/watch.php?id=4273</a></p> <ul style="list-style-type: none"> <li>➢ Quiz</li> <li>➢ DIKSHA PORTAL</li> <li>➢ NCERT Website</li> <li>➢ PPT</li> <li>➢ Mind Maps</li> </ul>	Art Integrated Project
5	September	<p><b>FIRST FLIGHT-</b></p> <p><b>Prose</b>- Sermon at Benares</p> <p>Madam Rides the Bus</p> <p><b>Poem</b>-The Trees</p> <p>Fog</p> <p><b>FOOTPRINTS WITHOUT FEET-</b></p> <p>The Necklace</p> <p>Bholi</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT – 07 &amp; 08</b></p> <p><b>GRAMMAR</b>-Reported Speech (To be Continued)</p> <p><b>WRITING TASK</b>-Inquiry Letter</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4063">https://epathshala.nic.in/watch.php?id=4063</a></p> <p><a href="https://www.youtube.com/watch?v=0hipMmVEHZA">https://www.youtube.com/watch?v=0hipMmVEHZA</a></p> <ul style="list-style-type: none"> <li>➢ Role Plays based on ‘Madam Rides a Bus’</li> <li>➢ DIKSHA PORTAL</li> <li>➢ NCERT Website</li> <li>➢ Mind Maps</li> </ul>	Periodic Test 2
6	October	<p><b>FIRST FLIGHT-</b></p> <p><b>Prose</b>-The Proposal</p> <p><b>Poem</b>: For Anne Gregory</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4065">https://epathshala.nic.in/watch.php?id=4065</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4064">https://epathshala.nic.in/watch.php?id=4064</a></p>	Monthly Test 4

		<p>The Tale of Custard the Dragon</p> <p><b>FOOTPRINTS WITHOUT FEET-</b> The Book that Saved the Earth</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT – 09 &amp; 10</b> <b>GRAMMAR-Determiners</b></p>	<p><a href="https://epathshala.nic.in/watch.php?id=4275">https://epathshala.nic.in/watch.php?id=4275</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4277">https://epathshala.nic.in/watch.php?id=4277</a></p> <p>Speech on ‘The Importance of Educating a Girl Child’</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> DIKSHA PORTAL</li> <li><input type="checkbox"/> NCERT Website</li> <li><input type="checkbox"/> Mind Maps</li> </ul>	
7	November	<b>WORDS &amp; EXPRESSIONS- UNIT -11</b>	<p><a href="https://epathshala.nic.in/watch.php?id=4278">https://epathshala.nic.in/watch.php?id=4278</a></p> <p>Dramatisation DIKSHA PORTAL NCERT Website Mind Maps</p>	First Board / First Pre-Board Examination
8	December	Revision	Chapter-wise revision of both <b>First Flight</b> and <b>Footprints without Feet</b>	Second Pre-Board Examination
9	January	Revision	Discussion/working out of questions from Sample Papers and Study Material	

10	February	Revision & Study Leave	Discussion/working out of questions from Sample Papers and Study Material	CBSE Exams
11	March			CBSE Exams

**PREScribed TEXTS:**

- FIRST FLIGHT
- FOOTPRINTS WITHOUT FEET
- WORDS AND EXPRESSIONS

**NOTE:**

1. **The Slip Tests can be conducted for 5/10/15/20 Marks. Some of the Slip Test types that can be given, are suggested below:**

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. **Listening Exercise can be accessed by clicking on to the pdf link given below. It has been taken from the Official Site of The British Council**

<https://drive.google.com/file/d/1aj23yJ-CfyFkA6bGFhNlwd5SKMrtkajR/view?usp=sharing>

**Other Resources**

British Council link for Grammar	<a href="https://learnenglish.britishcouncil.org/grammar">https://learnenglish.britishcouncil.org/grammar</a>
British Council link for Audios	<a href="https://learnenglish.britishcouncil.org/general-english/audio-series">https://learnenglish.britishcouncil.org/general-english/audio-series</a>
ZIET Learning English-Mumbai	<a href="https://eugeneleen.blogspot.com/p/class-10.html">https://eugeneleen.blogspot.com/p/class-10.html</a>

**CLASS X****ENGLISH COMMUNICATIVE (101)**

SL.NO.	MONTHS	NAMES OF THE CHAPTERS/TOPICS TO BE COVERED	TEACHING AIDS/ E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED	TESTS/ EXAMINATION TO BE CONDUCTED
1	APRIL -MAY	TWO GENTLEMEN OF VERONA (FICTION-1) THE FROG AND THE NIGHTINGALE (POEM-1) NOT MARBLE, NOR THE GILDED MONUMENTS(POEM-2) HEALTH AND MEDICINE (MCB-1) GRAMMAR: MODALS WRITING SKILLS: E-MAIL	1. Web Chart: Displaying the qualities or characters of a Gentleman. 2. Diary Entry: A) Lucia writing a diary about her past life and present situations. B) The nightingale writes a diary entry expressing her fears as the audience starts dwindling. 3. ASL-	Monthly Test 1- April (The portion covered in the month of April)
2	JUNE	Mrs. PACKLETIDE'S TIGER (FICTION-2) WRITING SKILLS: FORMAL LETTER WRITING GRAMMAR: DETERMINERS	1. Debate: On the morality of Mrs. Packletide's actions in the story. 2. Interview: Conduct an interview with Mrs. Packletide/ Mrs. Loona Bimberton	
3	JULY	THE LETTER (FICTION-3) A SHADY PLOT (FICTION-4) OZYMANDIAS (POEM-3) THE DEAR DEPARTED (DRAMA-1) EDUCATION(MCB-2) GRAMMAR: SUBJECT VERB CONCORD	1. Reflective Essay: Discussing their personal interpretation of the poem and how it resonates with them on a deeper level. 2. Compare and contrast a shady plot with another piece of super natural fiction 3. Role play/ Dramatization 4. ASL <a href="https://cbseacademic.nic.in/aslcorner.html">https://cbseacademic.nic.in/aslcorner.html</a>	PERIODIC TEST 1 (JULY) PORTION COVERED IN THE MONTH OF APRIL, MAY & JUNE
4	AUGUST	PATOL BABU (FICTION-5) THE RIME OF THE ANCIENT MARINER (POEM-4) WRITING SKILLS: FACTUAL DESCRIPTION OF PEOPLE/OBJECTS SCIENCE (MCB- 3) ENVIRNOMENT(MCB-4) GRAMMAR: CLAUSES	1. Create a list of symbols found in the poem and their implications.  2. Paragraph writing: How far will you go for your dreams and passions? 3. ASL	1. Monthly Test 2 (Portion covered in the month of July- to be conducted during first week of August) 2. Monthly Test 3 (Portion covered in the month of August- to be conducted during last week of August)

<b>5</b>	<b>SEPTEMBER</b>	VIRTUALLY TRUE (FICTION-6) JULIUS CAESAR (DRAMA-2) TRAVEL AND TOURISM(MCB-5) ARTICLE WRITING GRAMMAR: TENSES	1. Article Writing: Benefits and risks of using technology and artificial intelligence 2. Role play or Dramatization 3. ASL	PERIODIC TEST-2 (SEPTEMBER) PORTION COVERED IN THE MONTH OF JULY AND AUGUST
<b>6</b>	<b>OCTOBER</b>	SNAKE (POEM-5) NATIONAL INTEGRATION(MCB-6) GRAMMAR: REPORTED SPEECH	1. Group Activity: Dramatic reading of each stanza or section of poem 2. ASL <a href="https://cbseacademic.nic.in/aslcorner.html">https://cbseacademic.nic.in/aslcorner.html</a>	1. Monthly Test 4 (Portion covered in the month of September- to be conducted during first week of October) 2. Monthly Test 5 (Portion covered during the last week of October)
<b>7</b>	<b>NOVEMBER</b>	1st PRE-BOARD/ 1st BOARD EXAM	<b>REVISION</b>	1st Pre-Board/1st Board - Multiple Board format
<b>8</b>	<b>DECEMBER</b>	REVISION	<b>REVISION</b>	2 <sup>nd</sup> Pre-Board/1st Board - Multiple Board format
<b>9</b>	<b>JANUARY</b>		<b>REVISION</b>	
<b>10</b>	<b>FEBRUARY</b>			<b>CBSE BOARD EXAM</b>
<b>11</b>	<b>MARCH</b>			<b>CBSE BOARD EXAM</b>

## CLASS X

## SUBJECT- HINDI COURSE-A (002)

क्र. स.	महीना	पाठ्यपुस्तक/पाठ का नाम क्षितिज भाग-2, कृतिका भाग-2, व्याकरण और रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/नवीन दृष्टिकोण / नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई 2025	1. सूरदास के पद 2. नेताजी का चश्मा 3. बालगोबिन भगत 4. रचना के आधार पर वाक्य भेद 5. अनुच्छेद लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> भक्तिकाल एवं संत कवियों का परिचय NCERT द्वारा प्रस्तुत <a href="https://youtu.be/MfPXEBQKC9s">https://youtu.be/MfPXEBQKC9s</a>	मासिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण
		1. राम-लक्ष्मण-परशुराम संवाद	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a>	पर्ची परीक्षण
2.	जून	1. राम-लक्ष्मण-परशुराम संवाद 2. अपठित गद्यांश	NCERT द्वारा प्रस्तुत - <a href="https://www.youtube.com/live/VOKwsyKjllo?feature=share">https://www.youtube.com/live/VOKwsyKjllo?feature=share</a>	पर्ची परीक्षण
3.	जुलाई	1.. आत्मकथ्य 2. लखनवी अंदाज़ 3. माता का अंचल	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत -- <a href="https://www.youtube.com/live/zxvL9iXJt5o?feature=share">https://www.youtube.com/live/zxvL9iXJt5o?feature=share</a> <a href="https://youtu.be/_GcCLHMzud8">https://youtu.be/_GcCLHMzud8</a> <a href="https://youtu.be/y1oy3DV7VYs">https://youtu.be/y1oy3DV7VYs</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a> वाच्य पहचानने एवं वाच्य परिवर्तन करने का अभ्यास	प्रथम आवधिक परीक्षा /
		4. वाच्य		

		5. अपठितपद्यांश		

				बहुविकल्पीय प्रश्न परीक्षण
4.	अगस्त	1. उत्साह 2. अट नहीं रही है 3. एक कहानी यह भी 4. साना साना हाथ जोड़ि 5. अलंकार (उपमा, रूपक, उत्प्रेक्षा, मानवीकरण, अतिशयोक्ति) 6. पत्र लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत - <a href="https://youtu.be/BwA05AtwDFo">https://youtu.be/BwA05AtwDFo</a> के. वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित पद्धांश एवं पत्र लेखन और स्ववृत्त लेखन का अभ्यास <a href="https://youtu.be/EPKHntA_Nuk">https://youtu.be/EPKHntA_Nuk</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a>	मासिक परीक्षा  पर्ची परीक्षण  बहुविकल्पीय प्रश्न परीक्षण
5.	सितंबर	1. यह दंतुरित मुस्कान 2. फसल 3. नौबतखाने में इबादत 4. पद परिचय 5. स्ववृत्त लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत- <a href="https://youtu.be/rAY-h3FWtoE">https://youtu.be/rAY-h3FWtoE</a> <a href="https://youtu.be/Z-SzLKz5ov4">https://youtu.be/Z-SzLKz5ov4</a>	द्वितीय आवधिक परीक्षा  पर्ची परीक्षण  बहुविकल्पीय प्रश्न परीक्षण

6.	अक्तूबर	16	1. मैं क्यों लिखता हूँ 2. संगतकार	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत- <a href="https://youtu.be/vcLf7J4Rz-g">https://youtu.be/vcLf7J4Rz-g</a>	मासिक परीक्षा
----	---------	----	--------------------------------------	--	---------------

		3. ई मेल लेखन 4. संदेश लेखन	<a href="https://youtu.be/WHUmDXywD9g">https://youtu.be/WHUmDXywD9g</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a> ई मेल लेखन का अभ्यास	पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
7.	नवम्बर	संस्कृति विज्ञापन लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत - <a href="https://youtu.be/FAV0_efGTKE">https://youtu.be/FAV0_efGTKE</a> <a href="https://youtu.be/Mey0U0EDhfc">https://youtu.be/Mey0U0EDhfc</a> के. वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर विज्ञापन लेखन एवं संदेश लेखन का अभ्यास	प्रथम बोर्ड पूर्व परीक्षा बहुविकल्पीय प्रश्न परीक्षण
8.	दिसम्बर	पुनरावृत्ति कार्य	सैम्प्ल पेपर अभ्यास <a href="https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar">https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar</a>	द्वितीय बोर्ड पूर्व परीक्षा
9.	जनवरी	पुनरावृत्ति कार्य	सैम्प्ल पेपर अभ्यास <a href="https://cbseacademic.nic.in//qbclass10.html">https://cbseacademic.nic.in//qbclass10.html</a>	कक्षा परीक्षण, पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
10.	फरवरी	पुनरावृत्ति कार्य	सैम्प्ल पेपर अभ्यास <a href="https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar">https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar</a>	आंतरिक मूल्यांकन पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण

## CLASS X

SUBJECT- **SANSKRIT**

Sl.N O	Month	Name of the Chapter/Topic to be Covered	Teaching Aids/ E Content / innovative practices to be adopted	Proposed Activities	Tests & Assessment
1	April & May 2025	प्रथमः पाठः वाडं मयं तपः व्यञ्जनसंधिः- वर्गीयप्रथमवर्णस्यतृतीयवर्णपरिवर्तनं , प्रथमवर्णस्यपञ्चमवर्णपरिवर्तनम् पत्रले खनम्	सहायकपुस्तकानियथा-लघुसिद्धान्तकौमुदी, अभ्यासपुस्तिका	प्रश्ननिर्माणम्	लघुपरीक्षा Monthly Test
		चित्राधारितवर्णनम्।	सहायकपुस्तकानियथा - अभ्यासपुस्तकानि	समुचितचित्राणां स इङ्ग्लनम् एवं तेषांचित्राणां भाषायांवर्णनम्	
2	June	द्वितीयः पाठः - नास्तित्यागसमं सुखम् समयः- अङ्कानांस्थाने शब्देषु समयलेखनम् सामान्य सपाद सार्ध-पादोनादि	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका	प्रश्नोत्तरी	लिखितपरीक्षा आशुभाषणम्

3	July	<p><b>तृतीयः पाठः रमणीया हि</b></p> <p><b>सृष्टिरेषा तद्वितप्रत्ययः-</b> मतुप्. ठक्</p> <p>विसर्गसंधिः विसर्गस्यउत्क्तम्, रत्यम्,</p> <p>विसर्गलोपः, विसर्गस्यस्थानेस्, श्, ष्</p> <p>स्त्रीप्रत्ययः-टाप्, डीप्</p>	<p>सहायकपुस्तकानि</p> <p>यथा-लघुसिद्धान्त - कौमुदी,</p> <p>मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>		Periodic Test 1
---	------	---	---	--	--------------------

4	August	<p><b>चतुर्थः पाठः-आज्ञागुरुणां ह्यविचारणीया पञ्चमः पाठः अभ्यासवशगं मनः</b></p> <p>अव्ययीभावसमासः- (अनु, उप, सह, निर्, प्रति, यथा) द्वन्द्वसमासः (केवलमइतरेतर) तद्धितप्रत्ययःत्व, तल् वाच्यपरिवर्तनम् केवललंलट्लकारे (कर्तृ- कर्म, क्रिया)</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी. मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	वाच्यपरिवर्तनेभि तिपत्रिकानि- र्माणम्	वाचिकपरीक्षा
5	September	<p><b>षष्ठः पाठः- राष्ट्र संरक्ष्यमेव हि सप्तमः पाठः साधुवृत्तिं समाचरेत्</b></p> <p>तत्पुरुषः समासः &amp; अव्ययपदानि ( उच्चैः, च, श्वः, ह्यः, अय, अत्र- तत्र, यत्र-कुत्र )</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	समासेभित्तिपत्रि का निर्माणम्	Periodic Test 2
6	October	<p><b>अष्टमः पाठः- तिरुक्कुरल्- सूक्तिसौरभम्</b> नवमः पाठः सुस्वागतं भो! अरुणाचलेऽस्मिन् तत्पुरुषसमासः । नव् । उपपद । अशुद्धिसंशोधनम् (वचन-लिङ्- पुरुष- लकारविभक्तिवृष्ट्यासंशोधनम् )</p>	<p>सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	सूक्तिलेखनम्	मौखिकपरीक्षा

7	November	दशमः पाठः कालो इहम्, एकादषः पाठः किं किमुपादेयम् अव्ययपदानि- (इदानीम् अधुना, संप्रति. साम्प्रतमृथा.श नैः, यदा, तदा, कदा, सहसा, अपि, कुतः इतस्ततः यदि-तहि. यावत-	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	पाठपुस्तकात् अव्ययानांचयन	Preboard 1
8	December	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्		निवेशसूचि- कायाः सम्पूरणं	Pre board 2
9	January 2025	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			PT 3
10	February	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			CBSE exam
11	March	सत्रान्तपरीक्षा			CBSE exam

## Useful Links

SAMSKRIT SAVARDHANA PRATHISHSTHAAN	<a href="https://www.samskritpromotion.in">https://www.samskritpromotion.in</a>
SAMSKRIT PROMOTION FOUNDATION	<a href="https://www.samskritpromotion.in/">https://www.samskritpromotion.in/</a>
SANSKRIT BHARATHI	<a href="https://kerala.samskritabharati.in/">https://kerala.samskritabharati.in/</a>
CENTRAL SANSKRIT UNIVERSITY	<a href="https://www.sanskrit.nic.in/econtent.php">https://www.sanskrit.nic.in/econtent.php</a>
LEARN SANSKRIT	<a href="https://www.learnsanskrit.org/">https://www.learnsanskrit.org/</a>
ANDHRA GOVT	<a href="https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit">https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit</a>

RASHTRIYA SANSKRIT SNASTHAN	<a href="https://www.india.gov.in/official-website-rashtriya-sanskrit">https://www.india.gov.in/official-website-rashtriya-sanskrit</a>
RAMAKRISHNA MISSION	<a href="https://sanskrit.rkmvu.ac.in/adm-communicative-sans/">https://sanskrit.rkmvu.ac.in/adm-communicative-sans/</a>

## CLASS X

## SUBJECT- SCIENCE (086)

Sl No.	Month	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
01	April and May 2025	<p>Chemical Reactions and equations, Life processes</p> <p><b>PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>Performing and observing the following reactions and classifying them into A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction           <ul style="list-style-type: none"> <li>(i) Action of water on quicklime</li> <li>(ii) Action of heat on ferrous sulphate crystals</li> <li>(iii) Iron nails kept in copper sulphate solution</li> <li>(iv) Reaction between sodium sulphate and barium chloride solutions</li> </ul> </li> </ul> <p><b>Suggestive activities</b></p> <p>*Develop a game using cards. Write symbols of elements, formulae, valencies and names of various reactions on different cards. These cards can be used for learning balancing of chemical equations and also in classifying chemical reactions.(Toy pedagogy)</p> <p><b>*Experiential Learning through simulation-Types of chemical Reactions</b></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=81&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=81&amp;cnt=1</a></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=80&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=80&amp;cnt=1</a></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=82&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=82&amp;cnt=1</a></p> <p><b>*Extended Learning</b></p> <p><a href="https://youtu.be/pYqL0ngWUiY">https://youtu.be/pYqL0ngWUiY</a> (Chemical reactions part 1-NCERT OFFICIAL)</p> <p><a href="https://youtu.be/_AiYmM1OTJI">https://youtu.be/_AiYmM1OTJI</a> (Chemical reactions part 2-NCERT OFFICIAL)</p>	<p>*Monthly Test 1</p> <p>*Slip Tests-Balancing reactions, Identifying the type of reactions, Classification of reactions, Identifying the substance oxidized and reduced</p> <p><b>*Exemplar Problems</b></p> <p><a href="https://ncert.nic.in/ncerts/l/je_ep101.pdf">https://ncert.nic.in/ncerts/l/je_ep101.pdf</a></p> <p><b>*CBSE Question Bank- Sample Case Studies</b></p> <p><a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf</a></p> <p>(page 1-6)</p>	

		<p><b>PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>Preparing a temporary mount of a leaf peel to show stomata.</li> <li>Experimentally show that carbon dioxide is given out during respiration.</li> </ul> <p><b>*Suggestive activities</b></p> <p>Toys from trash (toy pedagogy)</p> <p><a href="https://www.arvindguptatoys.com/beginner-biology.php">https://www.arvindguptatoys.com/beginner-biology.php</a></p> <p>*Develop models of different Human Body Systems using indigenously available materials from your surroundings(Toy pedagogy)</p> <p><b>*(Experiential Learning through simulation)</b></p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=390&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=390&amp;cnt=1</a> (liberation of carbon dioxide during fermentation)</p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=126&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=126&amp;cnt=1</a> (Importance of light in photosynthesis)</p>	<p><b>*Monthly Test 2</b></p> <p>Slip tests on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p><b>*Making of flowcharts and concept maps on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</b></p> <p><b>*NCERT Exemplar problems</b></p> <p><a href="https://ncert.nic.in/ncerts/l/je_ep106.pdf">https://ncert.nic.in/ncerts/l/je_ep106.pdf</a></p>
02	June	<p><b>*Suggestive activities</b></p> <p><a href="https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0">https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0</a></p> <p>(Refractive Index-IISER Pune)</p> <p><a href="https://www.arvindguptatoys.com/fun-with-light.php">https://www.arvindguptatoys.com/fun-with-light.php</a></p> <p>(Toys based on concepts related to light -Toy pedagogy)</p> <p><b>*(Experiential Learning through simulation)</b></p> <p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=67&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=67&amp;cnt=1</a></p> <p>(To find focal length of a concave mirror) k</p> <p>(To study reflection in a concave mirror)</p>	<p><b>*Slip tests on Reflection of light by curved surfaces, Images formed by spherical mirrors, Refraction; Laws of refraction, refractive index.</b></p> <p>Refraction of light by spherical lens; Image formed by spherical lenses.</p> <p><b>*Numerical based on mirror formula, lens formula, magnification and power of a lens</b></p> <p><b>*NCERT Exemplar problems</b></p>

			<p><a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=277&amp;cnt=2">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=277&amp;cnt=2</a> (Focal length of a convex lens)</p> <p><a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=278&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=278&amp;cnt=1</a> (Convex lens image formation and magnification)</p> <p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=37&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=37&amp;cnt=1</a> (Refraction of light in a rectangular glass slab)</p>	<a href="https://ncert.nic.in/ncerts/l/jeep110.pdf">https://ncert.nic.in/ncerts/l/jeep110.pdf</a>
03	July	<p>Light – Reflection and Refraction(contd)</p> <p>Human Eye and colorful world,</p> <p>Acid, Bases and Salts,</p> <p>Control and coordination,</p>	<p><b>PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.</li> <li>Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result</li> <li>Tracing the path of the rays of light through a glass prism.</li> <li>Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl &amp; NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</li> </ul> <p><b>*Suggestive activities-Human Eye</b> <b>(Experiential Learning through simulation)</b> <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=246&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=246&amp;cnt=1</a> (Refraction through a prism)</p> <p><b>*Suggestive activities-Acids ,Bases</b> *Take various substances, and classify their nature as acidic, basic and neutral using any of the self-made natural indicators like black grapes/red cabbage/beetroot/turmeric. Tabulate your observations.</p> <p><b>*Extended Learning</b> <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=270&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=270&amp;cnt=1</a> (To identify Bleaching powder-Experiential Learning through simulation) <a href="https://youtu.be/M2C0OaHAPb4">https://youtu.be/M2C0OaHAPb4</a></p>	<p>*Periodic test 1</p> <p>*Slip tests on Functioning of a lens in human eye, defects of vision and their corrections, Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life</p> <p>*Curriculum aligned competency-based test items <a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a> (page 39-41)</p> <p>*Slip tests on pH, salts their preparation and properties</p> <p>*MCQs based on properties of acids, bases and salts.</p> <p>*Curriculum aligned competency-based test items <a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a></p>

		(Interactive Session PMeVidya)	(page 6-10)
04	August	<p><b>*PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>• Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO<sub>4</sub>(aq) ii) FeSO<sub>4</sub>(aq) iii) CuSO<sub>4</sub>(aq) iv) Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>(aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</li> <li>• Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.</li> <li>• Determination of the equivalent resistance of two resistors when connected in series and parallel.</li> </ul> <p><b>*Suggestive activities-Control and Coordination</b> (Experiential Learning through simulation) <a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=315&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=315&amp;cnt=1</a> (photo and geotropism)</p> <p><b>*Suggestive activities-Electricity</b> (Temperature and resistance -IISER Pune) <a href="https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0">https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0</a> (Resistant pencil-toy Pedagogy) <a href="https://www.arvindguptatoys.com/toys/resister.html">https://www.arvindguptatoys.com/toys/resister.html</a></p> <p><b>*Experiential Learning through simulation</b> <a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=75&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=75&amp;cnt=1</a> (Verification of Ohms Law) <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=40&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=40&amp;cnt=1</a> <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=41&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=41&amp;cnt=1</a> (Equivalent resistance of resistors in series and parallel)</p> <p><b>*Suggestive activities-Metals and Non metals</b> *Collect pictures and information related to the historical</p>	<p><b>*Monthly test 3</b> Slip tests on Nervous system, reflex action, tropism, plant and animal hormones.</p> <p><b>*NCERT Exemplar problems</b> <a href="https://ncert.nic.in/ncerts/l/je_ep107.pdf">https://ncert.nic.in/ncerts/l/je_ep107.pdf</a></p> <p><b>*Slip tests on Electric current, potential difference , Ohm's law; Resistance, Resistivity, Heating effect of electric current and its applications in daily life,Electric power.</b></p> <p><b>*Tests on numerical based on Ohms law, series and parallel combinations, resistance, Joules law and power.</b></p> <p><b>NCERT Exemplar problems</b> <a href="https://ncert.nic.in/ncerts/l/je_ep112.pdf">https://ncert.nic.in/ncerts/l/je_ep112.pdf</a></p> <p><b>Slip tests on Properties of metals and non-metals; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention</b></p> <p><b>*Exemplar Problems</b></p>

			background of two rust resistant monuments built in India OR Collect information and pictures about the field of metallurgy in ancient India.( <b>Integrated Learning</b> )	<a href="https://ncert.nic.in/ncerts/l/je_ep103.pdf">https://ncert.nic.in/ncerts/l/je_ep103.pdf</a>
05	September	How do organisms reproduce ?  Carbon and its compounds,  Heredity;	<p><b>PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>• Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</li> <li>• Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).</li> <li>• Study of the following properties of acetic acid (ethanoic acid): Unit-I i) Oduor ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate</li> <li>• Study of the comparative cleaning capacity of a sample of soap in soft and hard water.</li> </ul> <p><b>*Suggestive activities-How do Organisms Reproduce</b></p> <p>(Experiential Learning through simulation)</p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=135&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=135&amp;cnt=1</a></p> <p>(Embryo of dicot seed)</p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=134&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=134&amp;cnt=1</a></p> <p>(Asexual reproduction)</p> <p><b>*Suggestive activities-Carbon Compounds</b></p> <p>Make ball and stick models of different covalent compounds using clay balls and tooth pick(Toy Pedagogy)</p> <p><b>*(Experiential Learning through simulation)</b></p> <p><a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=280&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=280&amp;cnt=1</a></p> <p>(Esterification reaction)</p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=119&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=119&amp;cnt=1</a></p> <p>(Saponification reaction)</p> <p><a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=283&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=283&amp;cnt=1</a></p>	Slip tests on asexual, sexual reproduction in plants, sexual reproduction in animals, contraception *NCERT Exemplar problems <a href="https://ncert.nic.in/ncerts/l/je_ep108.pdf">https://ncert.nic.in/ncerts/l/je_ep108.pdf</a> *Slip tests on Covalent bonding, Versatile nature of carbon, Nomenclature of carbon compounds containing functional groups, Chemical properties of carbon compounds, Ethanol and Ethanoic acid, soaps and detergents. *NCERT Exemplar problems <a href="https://ncert.nic.in/ncerts/l/je_ep104.pdf">https://ncert.nic.in/ncerts/l/je_ep104.pdf</a> Slip test on Heredity; Mendel's contribution- Laws for inheritance of traits Monohybrid, Dihybrid cross, Sex determine action Curriculum aligned competency-based test items

			<p>(To compare the foaming capacity)  <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=120&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=120&amp;cnt=1</a></p> <p>(Cleansing capacity of soap)</p> <p><b>*Suggestive activities -Heredity</b></p> <p>*Make a write up about Life and Work of Gregor Johan Mendel (<b>Integrated Learning</b>)</p>	<p><a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a> (page 31-33)</p> <p>*Periodic test 2</p>
06	<b>October</b>	Our environment	<p><b>*Suggestive activities</b></p> <p>Make a report about waste disposal mechanism in your locality. Comment about its effectiveness and suggest remedial measures that can be adopted for successful waste management. (<b>Integrated Learning</b>)</p>	<p>Slip tests on Eco-system, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substance.</p> <p>*NCERT Exemplar problems</p> <p><a href="https://ncert.nic.in/ncerts/l/je_ep115.pdf">https://ncert.nic.in/ncerts/l/je_ep115.pdf</a></p> <p>*CBSE Question Bank- Sample Case Studies</p> <p><a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf</a></p> <p>(page 7-14)</p>
07	<b>November</b>	Magnetic effects of electric current	<p><b>*Suggestive activities</b></p> <p>Toys from trash based on electricity and magnetism-(Toy pedagogy)  <a href="http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php">http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php</a></p> <p><b>*Experiential Learning through simulation</b></p>	<p>Slip tests on Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current, Alternating</p>

		<p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=74&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=74&amp;cnt=1</a> (Field lines around a bar magnet)</p> <p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=90&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=90&amp;cnt=1</a> (Magnetic field lines around a current carrying conductor)</p> <p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=91&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=91&amp;cnt=1</a> (Magnetic field lines around current carrying solenoid)</p> <p><b>*Extended Learning</b></p> <p><a href="https://youtu.be/rtjGH0B-vVA">https://youtu.be/rtjGH0B-vVA</a> (Magnetic effects of current-NCERT OFFICIAL))</p>	<p>current, Domestic electric circuits</p> <p>*Curriculum aligned competency-based test items</p> <p><a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a></p> <p>First Pre board exam</p>
08	<b>December</b>	Revision	Second Pre board exam
09	<b>January 2025</b>	Revision	Slip Tests
10	<b>February</b>	Revision	.....
11	<b>March</b>	Board Exam	

## CLASS X

## SUBJECT- MATHEMATICS (041)

Sl. No.	Month	Name of the chapter/topic to be covered	Teaching aids/E content/Innovative practices to be adopted	Test/ Examinations to be conducted
1	APRIL-MAY 2025	Real Numbers  Polynomials  Pair of Linear Equations in two variables	<p><u>Fundamental theorem of arithmetic and proof of irrationality</u></p> <p><a href="https://diksha.gov.in/play/content/do_3131105874952028161159">https://diksha.gov.in/play/content/do_3131105874952028161159</a></p> <p>Prime factorization practice question</p> <p><a href="https://docs.google.com/document/d/1PVX1kQ_rv7NJ_xBRxFHMf0rQ480zaYtPJhM24/edit?usp=sharing">https://docs.google.com/document/d/1PVX1kQ_rv7NJ_xBRxFHMf0rQ480zaYtPJhM24/edit?usp=sharing</a></p> <p>Relation between zeroes and coefficients</p> <p><a href="https://diksha.gov.in/play/content/do_31308591688158412812925">https://diksha.gov.in/play/content/do_31308591688158412812925</a></p> <p><a href="https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyv-hoY/edit?usp=sharing">https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyv-hoY/edit?usp=sharing</a></p> <p>ACTIVITY: To draw the graph of a quadratic polynomial</p> <p>Graphical method</p> <p><a href="https://diksha.gov.in/play/content/do_31308591720098201612117">https://diksha.gov.in/play/content/do_31308591720098201612117</a></p> <p>ACTIVITY.</p> <p>To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method</p>	<p>class test</p> <p><a href="https://docs.google.com/document/d/17pdt99in9hneepSGwLEZlyBZ6hhIonp-5_VFy9ElkY/edit?usp=sharing">https://docs.google.com/document/d/17pdt99in9hneepSGwLEZlyBZ6hhIonp-5_VFy9ElkY/edit?usp=sharing</a></p> <p>Exemplar Problems</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_201.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_201.pdf</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_202.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_202.pdf</a></p> <p><a href="https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgV_HZtt--Db2bAav3jw/edit?usp=sharing">https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgV_HZtt--Db2bAav3jw/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_203.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_203.pdf</a></p>

		Pair of Linear Equations in two variables(contd.)	Substitution method <a href="https://diksha.gov.in/play/content/do_3130591040582942721683">https://diksha.gov.in/play/content/do_3130591040582942721683</a>	<a href="https://docs.google.com/document/d/1wfEtCzdN9NUcVjAAmVN1LIUrbxtOxPeXqfWTNZZb8co/edit?usp=sharing">https://docs.google.com/document/d/1wfEtCzdN9NUcVjAAmVN1LIUrbxtOxPeXqfWTNZZb8co/edit?usp=sharing</a>
2	June	Quadratic Equations	Solution of quadratic equation by factorization <a href="https://diksha.gov.in/play/content/do_31307451614501273619694">https://diksha.gov.in/play/content/do_31307451614501273619694</a> Nature of roots <a href="https://diksha.gov.in/play/content/do_3130191964533555201883">https://diksha.gov.in/play/content/do_3130191964533555201883</a> Quadratic formula <a href="https://diksha.gov.in/play/content/do_31308591730928844814098">https://diksha.gov.in/play/content/do_31308591730928844814098</a>	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 204.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 204.pdf</a> Monthly Test
3	July	Arithmetic Progressions  Coordinate Geometry	Introduction to AP <a href="https://diksha.gov.in/play/content/do_31308591745078886414099">https://diksha.gov.in/play/content/do_31308591745078886414099</a> sum of n terms <a href="https://diksha.gov.in/play/content/do_3130191966102814721894">https://diksha.gov.in/play/content/do_3130191966102814721894</a> ACTIVITY (P.NO 107-116) *To identify Arithmetic Progressions *To find the sum of first n natural numbers. *To establish a formula for the sum of first n terms of an Arithmetic Progression.  Distance formula <a href="https://diksha.gov.in/play/content/do_31308591765972582412770">https://diksha.gov.in/play/content/do_31308591765972582412770</a> Section formula <a href="https://diksha.gov.in/play/content/do_3130580952582963201340">https://diksha.gov.in/play/content/do_3130580952582963201340</a>	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 205.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 205.pdf</a> Periodic Test 1  Practice Test Link <a href="https://docs.google.com/document/d/1SgSpQmHt7Y4Qq_cj9rBVgUJvHeQx62uTQEvp761XM/edit?usp=sharing">https://docs.google.com/document/d/1SgSpQmHt7Y4Qq_cj9rBVgUJvHeQx62uTQEvp761XM/edit?usp=sharing</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 207.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 207.pdf</a>  Practise questions <a href="https://docs.google.com/document/d/1BinH-4y9Y2a1qQ9EICsNvYy4_3cvLtF4Yge0qiA2b6g/edit?usp=sharing">https://docs.google.com/document/d/1BinH-4y9Y2a1qQ9EICsNvYy4_3cvLtF4Yge0qiA2b6g/edit?usp=sharing</a>  Practice questions

		Triangles	<p>ACTIVITY: To verify the distance formula by graphical method.</p> <p>Similar figures</p> <p><a href="https://diksha.gov.in/play/content/do_31308591754647961612769">https://diksha.gov.in/play/content/do_31308591754647961612769</a></p> <p>Activity 6: Basic Proportionality Theorem</p> <p><a href="https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf">https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf</a></p> <p>Application of similar triangles</p> <p><a href="https://diksha.gov.in/play/content/do_31307451625548185615987">https://diksha.gov.in/play/content/do_31307451625548185615987</a></p>	<p><a href="https://docs.google.com/document/d/1ONBvvvsizOGVotSOsMrLCc48c9IJRObFAN80r_wA/edit?usp=sharing">https://docs.google.com/document/d/1ONBvvvsizOGVotSOsMrLCc48c9IJRObFAN80r_wA/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 206.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 206.pdf</a></p> <p>Slip Tests</p>
4	August	<p>Circles</p> <p>Introduction to Trigonometry</p> <p>Trigonometric Identities</p> <p>Applications of Trigonometry</p>	<p>Tangent to a circle</p> <ol style="list-style-type: none"> <li><a href="https://diksha.gov.in/play/content/do_31307451633015193619404">https://diksha.gov.in/play/content/do_31307451633015193619404</a></li> <li><a href="https://diksha.gov.in/play/content/do_31307451640422400015746">https://diksha.gov.in/play/content/do_31307451640422400015746</a></li> <li><a href="https://diksha.gov.in/play/content/do_31307451644502835217027">https://diksha.gov.in/play/content/do_31307451644502835217027</a></li> </ol> <p>Number of tangents from a point on a circle</p> <p><a href="https://diksha.gov.in/play/content/do_3130191970827304961818">https://diksha.gov.in/play/content/do_3130191970827304961818</a></p> <p>Activity:</p> <p>To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.(406)</p> <p>Trigonometric ratios</p> <p><a href="https://diksha.gov.in/play/content/do_31307886010605568018054">https://diksha.gov.in/play/content/do_31307886010605568018054</a></p> <p><a href="https://diksha.gov.in/play/content/do_31307886016660275217879">https://diksha.gov.in/play/content/do_31307886016660275217879</a></p>	<p>Monthly Test</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 209.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 209.pdf</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 208.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 208.pdf</a></p> <p>Practise questions</p>

			Activity 40: To verify that the values of trigonometric ratios of an angle do not vary with the lengths of the sides of the triangle. Activity 41: Trigonometric identities	<a href="https://docs.google.com/document/d/1g_atrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing">https://docs.google.com/document/d/1g_atrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing</a>
5	September	Areas related to Circles  Surface Area and volume.	<p>Area of sector of a circle</p> <p><a href="https://diksha.gov.in/play/content/do_31307967529566208018343">https://diksha.gov.in/play/content/do_31307967529566208018343</a></p> <p><a href="https://diksha.gov.in/play/content/do_313079675405795328110069">https://diksha.gov.in/play/content/do_313079675405795328110069</a></p> <p><a href="https://diksha.gov.in/play/content/do_313079675589124096110070">https://diksha.gov.in/play/content/do_313079675589124096110070</a></p> <p><a href="https://diksha.gov.in/play/content/do_31310506966559948813238">https://diksha.gov.in/play/content/do_31310506966559948813238</a></p> <p><a href="https://diksha.gov.in/play/content/do_31310506990987673612112">https://diksha.gov.in/play/content/do_31310506990987673612112</a></p> <p>Surface area of combination of solids</p> <p><a href="https://diksha.gov.in/play/content/do_3130191976380170241408">https://diksha.gov.in/play/content/do_3130191976380170241408</a></p> <p>Activity 42: Surface areas and volumes of solids mean -direct method</p> <p><a href="https://diksha.gov.in/play/content/do_313078860554584064111729">https://diksha.gov.in/play/content/do_313078860554584064111729</a></p>	<p>Periodic Test 2 (Cumulative)</p> <p><a href="https://docs.google.com/document/d/1ItWOapiIZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing">https://docs.google.com/document/d/1ItWOapiIZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 211.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 211.pdf</a></p> <p><a href="https://docs.google.com/document/d/1t qP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing">https://docs.google.com/document/d/1t qP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 212.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 212.pdf</a></p>

6	October	Statistics	Assumed mean <a href="https://diksha.gov.in/play/content/do_3131105897449062401800">https://diksha.gov.in/play/content/do_3131105897449062401800</a> mode <a href="https://diksha.gov.in/play/content/do_313079679289942016110074">https://diksha.gov.in/play/content/do_313079679289942016110074</a> median	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 213.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 213.pdf</a>  Additional Practice questions by CBSE
---	---------	------------	--	--

		Probability	<p><a href="https://diksha.gov.in/play/content/do_31310507106339225612622">https://diksha.gov.in/play/content/do_31310507106339225612622</a> empirical formula</p> <p><a href="https://diksha.gov.in/play/content/do_3131105904625254401160">https://diksha.gov.in/play/content/do_3131105904625254401160</a> Introduction</p> <p><a href="https://diksha.gov.in/play/content/do_31308591772304998414101">https://diksha.gov.in/play/content/do_31308591772304998414101</a> coin case</p> <p><a href="https://diksha.gov.in/play/content/do_31308591783990886411848">https://diksha.gov.in/play/content/do_31308591783990886411848</a> 3 coin case</p> <p><a href="https://diksha.gov.in/play/content/do_31308591787976294412119">https://diksha.gov.in/play/content/do_31308591787976294412119</a> LAB ACTIVITY: To determine the experimental probability of a head (or a tail) dice</p> <p><a href="https://diksha.gov.in/play/content/do_31308591832874188812771">https://diksha.gov.in/play/content/do_31308591832874188812771</a></p>	<p><a href="https://cbseacademic.nic.in//web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf">https://cbseacademic.nic.in//web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf</a></p> <p>Marking Scheme</p> <p><a href="https://cbseacademic.nic.in//web_material/SQP/ClassX_2022_23/Mathematics-PQMS.pdf">https://cbseacademic.nic.in//web_material/SQP/ClassX_2022_23/Mathematics-PQMS.pdf</a></p> <p>Sample paper chrome-extension://efaidnbmnnibpcajpcglclefinndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsStandard-SQP.pdf</p>
7	November	Revision and preboard		Preboard Sample paper <a href="chrome-extension://efaidnbmnnibpcajpcglclefinndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsBasic-SQP.pdf">chrome-extension://efaidnbmnnibpcajpcglclefinndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsBasic-SQP.pdf</a>
8	December	Revision and preboard		Preboard
9	January 2025	Revision and preboard		practice tests
10	February	Revision		Practice tests.
11	March	<b>BOARD EXAMINATION</b>		

## CLASS X

## SUBJECT- SOCIAL SCIENCE (087)

S.N.	Month	Name of the chapter/ topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test examinations to be conducted
1	April and May 2025	The Rise of Nationalism in Europe  Power Sharing	<p><b><u>The Rise of Nationalism in Europe</u></b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738191781888112086">https://diksha.gov.in/play/content/do_312795738191781888112086</a>  <a href="https://www.youtube.com/watch?v=gXuycMzfBW0">https://www.youtube.com/watch?v=gXuycMzfBW0</a> (NCERT Official )</p> <p><b>Suggestive Activities</b></p> <p>Map Activity- Identify and list out names of nations mentioned in the lesson and locate them on a world map.</p> <p>Prepare a chart listing those measures taken by French revolutionaries to create a sense of collective identity. The chart may also contain visuals/images.</p> <p>Group Discussion –Topic-Napoleon destroyed democracy in France</p> <p>Worksheet -MCQ</p> <p><b><u>Power Sharing</u></b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738479017984112109">https://diksha.gov.in/play/content/do_312795738479017984112109</a></p> <p><b>Suggestive Activities</b></p> <p>Prepare a Flow Chart on different Organs of the Government.</p> <p>Quiz</p>	Monthly Test

			List down the various ways of power sharing arrangements in India	
	Development		<p><b><u>Development</u></b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738301390848112094">https://diksha.gov.in/play/content/do_312795738301390848112094</a></p> <p><b>Suggestive Activities</b></p> <p>Prepare a Collage on methods of conservation of resources</p> <p>Frame two Slogans to propagate the idea of sustainable development</p> <p>Case study –Different individual goals and concept of development</p> <p>Worksheet-MCQ</p>	<b>Slip test</b>
2	June	Resources and Development	<p><b><u>Resources and Development</u></b></p> <p><a href="https://diksha.gov.in/play/content/do_312795737823666176112054">https://diksha.gov.in/play/content/do_312795737823666176112054</a></p> <p><b>Suggestive Activities</b></p> <p>Prepare a short note on the need of resource planning in India.</p> <p>Prepare a chart on the types of soil, features and methods of soil conservation</p> <p>Prepare pie diagrams on land use pattern of India and write in their own words about reasons for the changes in land use pattern in India.</p> <p>Quiz/Worksheet-MCQ</p> <p><b><u>Federalism</u></b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738494631936112111">https://diksha.gov.in/play/content/do_312795738494631936112111</a></p>	

			<p><b>Suggestive Activities</b></p> <p>Prepare a write-up on unique features of Federalism and Unitary System of Government.</p> <p>Prepare a Chart giving items mentioned in the Union, State and in the Concurrent Lists.</p> <p>Prepare a table on different languages in our Country</p> <p>Design a poster on Decentralisation pattern of India after 1992</p>	
3	July	<p>Forest and Wildlife Resources</p> <p>Sectors of the Indian Economy</p> <p>Water resources</p> <p>Gender, Religion and Caste</p>	<p><b>Forest and Wildlife Resources</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795737840361472110821">https://diksha.gov.in/play/content/do_312795737840361472110821</a></p> <p><b>Suggestive Activities</b></p> <p>Case study-Wild life encounters, situations and impacts</p> <p>Group Discussion on the topic Human interference and wildlife destruction.</p> <p>Suggest five ways to protect Forests</p> <p>Draw a picture/sketch of any one Natural ecosystem</p> <p><b>Sectors of the Indian Economy</b></p> <p><a href="https://diksha.gov.in/play/content/do_31286221480571699214257">https://diksha.gov.in/play/content/do_31286221480571699214257</a></p> <p><b>Suggestive Activities</b></p> <p>Prepare a poster depicting various economic activities of the 3 sectors</p>	<b>Periodic Test: 1</b>

Write a short note on the growing importance of Tertiary sector in India  
Debate on the topic “Enlargement of the Unorganized sector is mark of Economic instability”  
Worksheet-MCQ

#### Water resources

[https://diksha.gov.in/play/content/do\\_312795737857212416110823](https://diksha.gov.in/play/content/do_312795737857212416110823)

#### Suggestive Activities

Debate on the topic – “Multipurpose River Projects showed the way for multi-faceted development”

Map Activity-Locate /identify the major Multipurpose River Projects of India

Suggest five ways for water conservation

Quiz

#### Gender, Religion and Caste

[https://diksha.gov.in/play/content/do\\_31279787240154726411798](https://diksha.gov.in/play/content/do_31279787240154726411798)

#### Suggestive Activities

Prepare Glossary of terms in the lesson

Prepare Charts on the following: ♦ Work done by men and women in the family in the whole day, paid/unpaid. ♦ Political representation of women in the Panchayats, Municipalities and the Parliament.

Group Discussion –Caste alone cannot determine election results in India.

4	August	Nationalism in India  Agriculture  Minerals and Energy Resources  Political Parties	<b>Nationalism in India</b>  <a href="https://diksha.gov.in/play/content/do_312795738201382912112087">https://diksha.gov.in/play/content/do_312795738201382912112087</a> <a href="https://www.youtube.com/watch?v=0xU92TTkHpc">https://www.youtube.com/watch?v=0xU92TTkHpc</a> (NCERT Official)  <b>Suggestive Activities</b> Map Activity-Indian National Congress Sessions, Important Centers of Indian National Movement Prepare a time line specifying the major events of Indian National Struggle. Write a poem on Jallianwala incident. List down the factors that created a sense of collective belonging among Indians.  <b>Agriculture</b>  <a href="https://diksha.gov.in/play/content/do_312795737873481728110825">https://diksha.gov.in/play/content/do_312795737873481728110825</a> <b>Suggestive Activities</b> Map Activity-Important areas of major crops grown in India. Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India. Prepare a list of institutional and technological reforms which improved agricultural production in India Quiz/Worksheet-MCQ  <b>Minerals and Energy Resources</b>  <a href="https://diksha.gov.in/play/content/do_312795737892405248112057">https://diksha.gov.in/play/content/do_312795737892405248112057</a>	<b>Monthly Test</b>
---	--------	---	---	---------------------

			<p><b>Suggestive Activities</b></p> <p>Collection of newspaper articles on Energy Crisis and methods to tackle it.</p> <p>Map Activity-Locate /identify the important Nuclear and Thermal power stations in India.</p> <p>Prepare a flow chart on types of Minerals</p> <p><b>Political Parties</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738551951360110840">https://diksha.gov.in/play/content/do_312795738551951360110840</a></p> <p><b>Suggestive Activities</b></p> <p>Role play on the ideologies, and features of the National political parties of India.</p> <p>Prepare a list of the functions of political parties</p> <p>Suggest five ways to reform political parties</p> <p>Quiz</p>	
5	September	The Making of a Global World outcomes of Democracy Manufacturing Industries	<p><b>The Making of a Global World</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738235682816112090">https://diksha.gov.in/play/content/do_312795738235682816112090</a> -</p> <p><b>Suggestive Activities</b></p> <p>Prepare a short note on Bretton Woods Institutions</p> <p>Find out five differences between ancient globalisation and neo globalisation</p> <p>Role play- “A merchant at an English village during Proto Industrialisation period”</p> <p>Worksheet -MCQ</p> <p><b>Outcomes of Democracy</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738559021056110841">https://diksha.gov.in/play/content/do_312795738559021056110841</a></p>	<b>Periodic Test: 2 [HALF YEARLY]</b>

			<p><b>Suggestive Activities</b></p> <p>Analyze any two cartoons given in the lesson or prepare a cartoon on any of the outcomes of democracy and collect the different interpretations</p> <p>Debate on the topic –Democracy is the most accountable form of government</p> <p><b>Manufacturing Industries</b></p> <p><a href="#">Chapter 6 Manufacturing Industries.pptx - Google Drive</a></p> <p><b>Suggestive Activities</b></p> <p>Map Activity-Locating and Labelling the major industries and industrial areas in India.</p> <p>Group Discussion on Industrial pollution and solutions.</p> <p>Worksheet -MCQ</p>	
6	<b>October</b>	<p>Money and Credit</p> <p>The Age of Industrialization</p> <p>Globalization And The Indian Economy</p>	<p><b>Money and Credit</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738332872704112096">https://diksha.gov.in/play/content/do_312795738332872704112096</a></p> <p><b>Suggestive Activities</b></p> <p>Role play on Barter system and Double coincidence of wants</p> <p>Prepare a list of the functions of the Reserve Bank of India.</p> <p>Prepare a flow chart on Modern forms of Money</p> <p><b>The Age of Industrialization</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738244481024112091">https://diksha.gov.in/play/content/do_312795738244481024112091</a></p> <p><b>Suggestive Activities</b></p>	<b>Monthly Test</b>

			<p><b>Quiz</b></p> <p>Prepare a short essay comparing the growth of London and Bombay as industrial cities.</p> <p>Role play-“Women attacked Spinning Jenny”</p> <p style="color: orange;"><b>Globalisation And The Indian Economy</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738344726528112097">https://diksha.gov.in/play/content/do_312795738344726528112097</a></p> <p><b>Suggestive Activities</b></p> <p>Case study on Labour (Social issue)-Type of employment, working conditions, wage, job security etc.</p> <p>List down the positive and negative impacts of globalisation</p> <p>Prepare a script of the conversation between two farmers regarding the effects of Globalisation on Agriculture</p> <p>Write a short note on WTO</p>	
7	<b>November</b>	Print Culture and the Modern World  Lifelines of National Economy  PROJECT WORK: Consumer Awareness/Social Issues/Sustainable Development	Print Culture and the Modern World  <a href="https://diksha.gov.in/play/content/do_312795738253434880112092">https://diksha.gov.in/play/content/do_312795738253434880112092</a>  <b>Suggestive Activities</b>  Quiz/Worksheet-MCQ  Prepare a time line /time chart depicting the evolution and growth of printing technology  Prepare a sketch of the woodblock printing	<b>Pre-board:1</b>

			<p>Lifelines of National Economy</p> <p><a href="#">CH7 Geo Lifelines of National Economy - Google Drive</a></p> <p><b>Suggestive Activities</b></p> <p>Map Activity-Locate the Super Highways, major Air ports and Sea Ports of India</p> <p>Prepare a table furnishing the details of various features of the Sea ports in India.</p> <p>Quiz/Worksheet-MCQ</p>	
8	December	➤ <a href="#">Revision</a>	<ul style="list-style-type: none"> <li>➤ <a href="https://diksha.gov.in/play/content/do_31257981237297152029139">https://diksha.gov.in/play/content/do_31257981237297152029139</a></li> <li>➤ Revision of important lessons and concepts</li> <li>➤ Practicing Sample Question papers</li> <li>➤ Practicing HOT Questions</li> <li>➤ Map Reading Drills</li> <li>➤ Practicing case study and Source based questions</li> </ul>	<b>Pre-board:2</b>
9	January		Revision and Pre-board	<b>Slip tests</b>
10	February		Revision	<b>BOARD EXAM</b>
11	March		<b>BOARD EXAMINATION</b>	

**Class 10****Subject : Artificial Intelligence(417)**

Sl. No.	Month	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May	<b>Part A - Employability Skills:</b>		
		Communication Skills: Methods of communication, Verbal communication, Non-verbal communication, Communication Cycle and Importance of feedback, Barriers of effective communication, Writing Skills – Part of Speech, Writing Skills – Sentences	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">Employability_Skills10.pdf (cbseacademic.nic.in)</a>	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf</a>
		<b>Part B – Subject Specific Skills</b>		
		<b>Unit 1: Introduction to AI- Foundational Concepts of AI</b>		
		What is intelligence?, Decision Making, What is Artificial Intelligence and what is not?	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a>	

2	June	<p><b>Basics of AI: Let's Get started</b></p> <p>Introduction to AI and related terminologies, Introducing AI, ML, &amp; DL, Introduction to AI Domains (Data, CV &amp; NLP), Gamified tools for each domain , Applications of AI, AI ethics</p>	<p><a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a></p> <p>--</p>
3	July	<p><b>Unit 2 : AI Project Cycle</b></p> <p><b>Introduction:</b> Introduction to AI Project Cycle, Problem Scoping Understanding problem scoping and Sustainable Development Goal, Data Acquisition, Simplifying data acquisition, Data Exploration, Visualizing Data, Modelling, Introduction to modelling, Introduction to Rule Based &amp; Learning Based AI Approaches, Introduction to Supervised, Unsupervised &amp;</p>	<p>Periodic Test I</p> <p><a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf</a></p> <p><a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2.pdf</a></p> <p><a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf</a></p>

		Reinforcement Learning Models, Neural Networks,		
		<b>Part A - Employability Skills</b>		
		<b>Unit 2: Self-management Skills -</b> Stress Management, Self-awareness — Strength and Weakness Analysis, Self-motivation, Self-regulation — Goal Setting and Time Management		
		<a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf">Employability_Skills10.pdf (cbseacademic.nic.in)</a>		
4	August	<b>Part B – Subject Specific Skills</b>		
		<b>Unit 3 – Advance Python (To be assessed through practical)</b>		
		Jupyter Notebook, Introduction to Python, Python Basics	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf">kecs105.pdf (ncert.nic.in)</a>	
		<b>Unit 4 Data Sciences (Theory)-</b> Introduction to Data Science, Applications of Data Science, Revisiting AI Project Cycle, Data Collection, Data Access	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf</a>	
		<b>Python Packages(Practical)</b> - Python data Sciences (Numpy,	<a href="https://cbseacademic.nic.in/web_material/Curriculum23/SQP_MS_X/419_DataSceince_SQP.pdf">kecs105.pdf (ncert.nic.in)</a>	
			<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publicatio_n/secondary/employability-X.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/publicatio_n/secondary/employability-X.pdf</a>	

	Pandas, Matplotlib), Statistics Learning & Data Visualization (Statistics and Standard Deviation)		
	<b>Part A : Employability Skills - ICT Skills</b>		
	Basic Computer Operations, Performing Basic File Operations, Computer Care and Maintenance, Computer Security and Privacy	<a href="#">Employability_Skills10.pdf (cbseacademic.nic.in)</a>	
5	<b>September</b>	<b>Part B – Subject Specific Skills Unit 5 – Computer Vision (Theory) -</b> Introduction to Computer Vision, Applications of CV, Understanding CV Concepts (Computer Vision Tasks, Basics of Images-Pixel, Resolution, Pixel value, Grayscale and RGB images)	<a href="#">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a> <p style="text-align: right;"><b>PT-2</b>  <b>AI Project Cycle, Advance Python, Data Science, Self Management Skills. (Theory), Computer Vision (Theory)</b></p>
		<b>Open CV (Practical)</b> - Introduction to Open CV, Image Processing	
		<b>Part A – Employability Skills : Entrepreneurial Skills</b>	

		Entrepreneurship and Society, Qualities and Functions of an Entrepreneur	<a href="Employability_Skills10.pdf_(cbseacademic.nic.in)">Employability_Skills10.pdf (cbseacademic.nic.in)</a>		
		Myths about Entrepreneurship, Entrepreneurship as a Career Option	<a href="Employability_Skills10.pdf_(cbseacademic.nic.in)">Employability_Skills10.pdf (cbseacademic.nic.in)</a>		
6	<b>October</b>	<b>Part B Subject Specific Skills : Unit 6 Natural Language Processing</b>		<p style="text-align: center;"><b>Monthly Test</b>  <b>Computer Vision (Theory), Part A – Employability Skills : Entrepreneurial Skills</b></p> <p><a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf</a></p>	
		Introduction to Natural Language Processing, NLP Applications, Revisiting AI project cycle, Introduction to Chatbots, Human Language VS Computer Language, Text Processing, Data Processing, Bag of Words	<a href="Class10_Facilitator_Handbook.pdf_(cbseacademic.nic.in)">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a>		
7	<b>November</b>	<b>Part A : Employability Skills - Unit 5 Green Skills</b>		<p style="text-align: center;"><b>1 PRE BOARD Complete Syllabus</b></p>	
		Sustainable Development, Our Role in Sustainable Development	<a href="Employability_Skills10.pdf_(cbseacademic.nic.in)">Employability_Skills10.pdf (cbseacademic.nic.in)</a>		
		<b>Part B: Subject Specific Skills</b>			
		<b>Unit 7 Evaluation</b>			

		Introduction to model evaluation	<a href="#"><u>Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</u></a>	
		Confusion Matrix	<a href="#"><u>Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</u></a>	
		Understanding Accuracy, Precision, Recall & F1 Score	<a href="#"><u>Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</u></a>	
8	<b>December</b>	Revision & Doubt Sessions		<b>II PRE BOARD</b>
9	<b>January 2025</b>	Revision & Doubt Sessions		
10	<b>February</b>			<b>Session Ending Exam</b>
11	<b>March</b>		<b>CBSE EXAM</b>	



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

# **CLASS XI**

## CLASS XI

**SUBJECT- ENGLISH CORE (301)**

Sl. No.	Month	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/ innovative practices	Test/examination to be conducted
1	JUNE 2025	Introduction & Bridging Syllabus/Curriculum Question Paper Pattern	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf</a>	
2	JULY 2025	Hornbill-1.The Portrait Of A Lady Hornbill-1. A Photograph Snapshots-1. The Summer Of The Beautiful White Horse Classified Advertisements Note Making & Summary Tenses Comprehension (Reading) ASL	<a href="https://diksha.gov.in/play/content/do_31254927155737395219762?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31254927155737395219762?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	<p>Article on 'The importance of emotional support for the elderly'</p> <p>A photograph is a poem that portrays time and timelessness. Elucidate.</p> <p>Jokes and pranks add flavor to life. But if they are at somebody else's expense, they leave a bitter taste. Elucidate.</p>
3	AUG 2025	Hornbill-2. We're Not Afraid To Die...If We Can Be Together Hornbill-2.The Laburnum Top Snapshots-2.The Address Posters Clauses Speech Reading Comprehension Practice	Movie: All is Lost <a href="https://jwa.org/encyclopedia/article/minco-marga">https://jwa.org/encyclopedia/article/minco-marga</a> <a href="https://www.dutchnews.nl/news/2018/12/bitter-herb-author-98-earns-prestigious-literary-prize/">https://www.dutchnews.nl/news/2018/12/bitter-herb-author-98-earns-prestigious-literary-prize/</a>	<p>50 years have passed since Suzanne's family took the adventurous journey. Suzanne has grown into a beautiful and brave lady. She is invited as the chief guest to address the participants of the Golden Global Race. On her behalf, write a speech retelling the experience as a saga of optimism, bravery, and teamwork.</p> <p>Panel Discussion-"No one wins in a war" based on 'The Address'</p> <p><b>PERIODIC TEST 1 (SYLLABUS TILL</b></p>

				<b>JULY 31 2025)</b>
4	SEP 2025	Hornbill3. Discovering Tut.... The Saga Continues  Hornbill-3.The Voice of the Rain  Snapshots-3.Mother's Day  Transformation of Sentences  Debate	<a href="https://youtu.be/wtNodW1vFg0?si=8g77qOqLr69aUvV7">https://youtu.be/wtNodW1vFg0?si=8g77qOqLr69aUv V7</a>  <a href="https://youtu.be/-obKX-mqjXQ?si=8_iixB9hU0WJTbl">https://youtu.be/-obKX-mqjXQ?si=8_iixB9hU0WJTbl</a>	Debate for/ against the motion - Tutankhamun does not deserve this 21st- century desecration.(The materialistic attitude of a man does not allow even the dead to sleep in peace)
5	OCT 2025	Hornbill-4.The Adventure  Hornbill-4. Childhood  Snapshots-4. Birth  Reading Comprehension Practice  Writing Tasks Practice  Listening And Speaking Activities  Reordering Of Sentences	<a href="https://www.thenational.scot/news/18982685.aj-cronin-doctor-turned-novelist-whose-heart-always-remained-scotland/">https://www.thenational.scot/news/18982685.aj-cronin-doctor-turned-novelist-whose-heart-always-remained-scotland/</a>  <a href="https://learnenglish.britishcouncil.org/skills/listening">https://learnenglish.britishcouncil.org/skills/listening</a>	Puppetry/Shadow puppetry - Battle of Panipat.  Paper presentation on Multiverse/Parallel World.
6	NOV 2025	Hornbill-5.Silk Road  Hornbill-5. Father To Son  Writing Tasks Practice  Reading Comprehension Practice  Grammar Practice		<b>HY Exam (Syllabus up to Oct 2025)</b>  As Nick Middleton, write a diary entry about his latest journey to Mount Kailash

7	DEC 2025	Snapshots-5. The Tale Of Melon City  Reading Comprehension Practice  Writing Tasks Practice  Listening and Speaking Activities	Art Integrated activities  ROLE-PLAY- as various characters interact with each other/as authors/poets/dramatists defend their works and characters  Create graphic novels out of the stories	Symposiums and seminars for introducing a book, an author, or a theme
		Grammar Practice  Project Submission	Dramatist incidents from the Texts  Create own stories	
8	JAN 2025	Project & Viva		<b>PT-II syllabus till Dec 2025</b>
9	FEB 2025	REVISION For SEE 2025		
10	MAR 2025	Session Ending Exam		<b>SEE</b>

## **Reference Materials**

<https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?kehb1=1-1>

<https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?kesp1=1-1>

### **Hornbill**

<https://ciet.nic.in/pages.php?id=hornbill&ln=en>

### **HORNBILL**

[https://youtube.com/playlist?list=PLUGLcpnv1YifTRV1E8Zp9P\\_tqD6c4dmII](https://youtube.com/playlist?list=PLUGLcpnv1YifTRV1E8Zp9P_tqD6c4dmII)

### **Alternative academic calendar**

[https://ncert.nic.in/pdf/AAC\\_HigherSecondary\\_eng.pdf](https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf)

## LASS XI

## SUBJECT- HINDI CORE (302)

		पाठ्यपुस्तक/पाठ का नाम आरोह भाग-1, वितान भाग- 1, अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण / नवाचार	परीक्षा/ मूल्यांकन
1	जून 2025	कबीर - पहला पद मीरा - पहला पद अभिव्यक्ति और माध्यम पाठ 1 जनसंचार माध्यम और लेखन पाठ 2. पत्रकारिता के विविध आयाम	कबीर <a href="https://diksha.gov.in/play/content/do_31309380227249766411616">https://diksha.gov.in/play/content/do_31309380227249766411616</a> <a href="https://diksha.gov.in/play/content/do_31309379730315673611614">https://diksha.gov.in/play/content/do_31309379730315673611614</a> (MCQ) मीरा बाई <a href="https://diksha.gov.in/play/content/do_31309234211662233611177">https://diksha.gov.in/play/content/do_31309234211662233611177</a>	कक्षा परीक्षा
2	जुलाई	नमक का दरोगा – प्रेमचंद मियां नसीरुद्दीन, कृष्णा सोबती भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर	नमक का दारोगा <a href="https://www.youtube.com/watch?v=5euN-0UcW64">https://www.youtube.com/watch?v=5euN-0UcW64</a> <a href="https://www.youtube.com/watch?v=cmdTY0NXPyQ">https://www.youtube.com/watch?v=cmdTY0NXPyQ</a> <a href="https://diksha.gov.in/play/content/do_31307655064717721617315">https://diksha.gov.in/play/content/do_31307655064717721617315</a> ( Short Answers) <a href="https://diksha.gov.in/play/content/do_313076549606514688111569">https://diksha.gov.in/play/content/do_313076549606514688111569</a> ( MCQ) मियां नसीरुद्दीन <a href="https://diksha.gov.in/play/content/do_313076563927736320110843">https://diksha.gov.in/play/content/do_313076563927736320110843</a>	बहु विकल्पी कार्य पत्रक द्वारा मूल्यांकन

		कुमार गन्धर्व औपचारिक पत्र लेखन	लता मंगेशकर <a href="https://diksha.gov.in/play/content/do_31310660983349248013337">https://diksha.gov.in/play/content/do_31310660983349248013337</a> ( MCQ)	
3	अगस्त	डायरी लेखन कथा पटकथा लेखन स्ववृत्त लेखन अपू के साथ ढाई साल- सत्यजित रे विदाई संभाषण- बालमुकुन्द गुप्त गलता लोहा -शेखर जोशी	(प्रथम आवधिक परीक्षा प्रथम सप्ताह) डायरी लेखन की कला <a href="https://diksha.gov.in/play/content/do_31310855935768166413654">https://diksha.gov.in/play/content/do_31310855935768166413654</a> अपु के साथ ढाई साल <a href="https://diksha.gov.in/play/content/do_313082938856177664151">https://diksha.gov.in/play/content/do_313082938856177664151</a> विदाई संभाषण <a href="https://diksha.gov.in/play/content/do_313082938522697728177">https://diksha.gov.in/play/content/do_313082938522697728177</a>	प्रथम आवधिक परीक्षा प्रथम सप्ताह
4	सितंबर	घर की याद- भवानी प्रसाद मिश्र चंपा काले काले अच्छर नहीं चीन्हती- त्रिलोचन अपठित गद्यांश (अभ्यास) अपठित पद्यांश (अभ्यास)	घर की याद <a href="https://diksha.gov.in/play/content/do_3130993808239984641595">https://diksha.gov.in/play/content/do_3130993808239984641595</a> चंपा काले काले अच्छर नहीं चीन्हती <a href="https://diksha.gov.in/play/content/do_31309459026537676811959">https://diksha.gov.in/play/content/do_31309459026537676811959</a>	कक्षा परीक्षा
5	अक्टूबर	ग़ज़ल- दुष्यंत कुमार राजस्थान की रजत	गजल <a href="https://diksha.gov.in/play/content/do_3131023962281410561787">https://diksha.gov.in/play/content/do_3131023962281410561787</a>	मौखिक परीक्षा

		बूदें- अनुपम मिश्र रोजगार सम्बन्धी आवेदन पत्र	<a href="https://diksha.gov.in/play/content/do_3131023960852234241727(MCQ)">https://diksha.gov.in/play/content/do_3131023960852234241727(MCQ)</a> राजस्थान की रजत बूदें <a href="https://diksha.gov.in/play/content/do_3131001115218001921260">https://diksha.gov.in/play/content/do_3131001115218001921260</a>	
6	नवंबर	हिंदी शब्द कोश सन्दर्भ ग्रन्थों की उपयोगिता एवं परिचय	(अर्ध वार्षिक परीक्षा प्रथम या द्वितीय सप्ताह में) कोश - एक परिचय <a href="https://diksha.gov.in/play/content/do_3131001153861468161254">https://diksha.gov.in/play/content/do_3131001153861468161254</a>	(अर्ध वार्षिक परीक्षा प्रथम या द्वितीय सप्ताह में)
7	दिसंबर	रजनी-मन्त्र भंडारी जामुन का पेड़- कृश्चंदर  हे भूख मत मचल, हे मेरे जूही के फूल जैसे ईश्वर-अकक महादेवी अवतार सिंह पाश – सबसे खतरनाक	रजनी <a href="https://diksha.gov.in/play/content/do_31308960073273344011089">https://diksha.gov.in/play/content/do_31308960073273344011089</a> (Long Answers) <a href="https://diksha.gov.in/play/content/do_31308960057629900811088">https://diksha.gov.in/play/content/do_31308960057629900811088</a> (Short Answers) जामुन का पेड़  <a href="https://diksha.gov.in/play/content/do_31308812117007564813259">https://diksha.gov.in/play/content/do_31308812117007564813259</a> अककमहादेवी हे भूख मत मचल <a href="https://diksha.gov.in/play/content/do_3130957099528028161797">https://diksha.gov.in/play/content/do_3130957099528028161797</a> अकक महादेवी - हे मेरे जूही के फूल <a href="https://diksha.gov.in/play/content/do_3130957103470100481798">https://diksha.gov.in/play/content/do_3130957103470100481798</a>	गूगल फॉर्म प्रश्नोत्तरी द्वारा मूल्यांकन
8	जनवरी	आलो आंधारि बेबी हालदार आओ मिलकर बचाएं-	द्वितीय आवधिक परीक्षा द्वितीय सप्ताह में) आलोआंधारि <a href="https://diksha.gov.in/play/content/do_3131001132961464321277">https://diksha.gov.in/play/content/do_3131001132961464321277</a>	द्वितीय आवधिक परीक्षा

		निर्मला पुत्रल भारत माता- जवाहर लाल नेहरू	भारत माता <a href="https://diksha.gov.in/play/content/do_3130924238908047361856">https://diksha.gov.in/play/content/do_3130924238908047361856</a> <a href="https://diksha.gov.in/play/content/do_31309241928455782411009">https://diksha.gov.in/play/content/do_31309241928455782411009</a> (MCQ)	द्वितीय सप्ताह में)
9	फरवरी	सीबीएसई के दिशा निर्देशों के अनुरूप परियोजना कार्य पुनरावृत्ति कार्य		श्रवण तथा वचन मूल्यांकन परियोजना कार्य मूल्यांकन
10	मार्च	पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	सत्रांत परीक्षा

### Useful E-resources

आरोह भाग-1 on DIKSHA.	<a href="https://diksha.gov.in/play/collection/do_31310347526058803211066?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347526058803211066?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>
AudioBooks आरोह भाग 1	<a href="https://ciet.nic.in/pages.php?id=aarohxi&amp;ln=en">https://ciet.nic.in/pages.php?id=aarohxi&amp;ln=en</a>
Audio Books वितान भाग 1	<a href="https://ciet.nic.in/pages.php?id=vitaan-i&amp;ln=en">https://ciet.nic.in/pages.php?id=vitaan-i&amp;ln=en</a>
Alternative calendar	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf</a>
Akhbaro Ki Duniya	<a href="https://youtu.be/4Rna7zR3K1g">https://youtu.be/4Rna7zR3K1g</a>

**CLASS XI****SUBJECT- MATHEMATICS (041)**

<b>Sl. No</b>	<b>Month</b>	<b>Name of the Chapter/Topic to be covered</b>	<b>Teaching aids/E-content /Innovative practices to be adopted.</b>	<b>Test / Examination to be conducted</b>
1	June 2025	Sets	Venn Diagrams, Charts <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep201.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep201.pdf</a>	Class Test
1	July 2025	Sets (contd) Relation and Function Trigonometric Function	A Visual Aid and graphs etc <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep202.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep202.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep203.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep203.pdf</a>	Class Test
2	August 2025	Trigonometric Function (contd) Complex Numbers & Quadratic Equations Linear Inequalities	A Visual Aid and graphs etc Dice, cards and counters and spinners etc. <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep205.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep205.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep206.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep206.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep207.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep207.pdf</a>	Periodic Test - 1
3	September 2025	Permutations and Combination Binomial Theorem Sequence and Series	Identities, Algebraic charts/ formulae <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep208.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep208.pdf</a> <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a>	Class Test
4	October 2025	Sequence and Series(contd) Straight Lines Conic Sections	Worksheet prepare by Teacher, Basic formulae etc <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep209.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep209.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep210.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep210.pdf</a>	Class Test
5	November 2025	Conic Sections(contd)	Worksheet prepare by Teacher, Basic formulae etc	Half Yearly Exam

		Three-Dimensional Geometry	<a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep211.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep211.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep212.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep212.pdf</a>	
6	December 2025	Limits and Derivatives	Limits formulae sheet, charts, graphs etc <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep213.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep213.pdf</a> <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a>	Class Test
7	January 2025	Statistics Probability	Images, Videos, Blocks Handmade graphs etc <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep215.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep215.pdf</a>	Periodic Test-II
8	February 2025	Probability(contd) Revision	Dice, cards coins etc <a href="https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386">https://diksha.gov.in/play/collection/do_31310347527264665611070?contentId=do_31316940055008051211386</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep216.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXI/mathematics/keep216.pdf</a>	Revision
9	March 2025			Session Ending Exam

## CLASS XI

## SUBJECT- PHYSICS (042)

Sl. No.	Month	Name of the Chapter/ Topic to be covered	Teaching aids/E-content /Innovative practices to be adopted	Test /Examination to be conducted
1	June	<b>UNIT -1</b> Physical world ( 08 periods) <b>Chapter- 2</b> Unit and measurement <b>Section-A</b> <ul style="list-style-type: none"> <li>• Experiment - 1</li> </ul>	Paper scale of given least count	
2	July	<b>UNIT-2</b> - Kinematics (24 periods) <b>Chapter- 3</b> Motion in straight line <b>Chapter- 4</b> Motion in a plane <b>Section-A</b> <ul style="list-style-type: none"> <li>• Experiment – 2</li> <li>• Experiment – 3</li> <li>• Activity -1</li> </ul>	Projectile motion apparatus, activities of laws of motion.  <a href="https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342804772454400116697?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	
3	August	<b>UNIT- 3</b> – Laws of motion (14 periods) <b>Chapter- 5</b> Laws of motion <b>UNIT- 4</b> Work, energy and power (14 periods) <b>Chapter- 6</b> Work, energy and power <b>Section-A</b> <ul style="list-style-type: none"> <li>• Experiment – 4</li> <li>• Activity- – 3</li> </ul>	<a href="https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313371680169713664178?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313371680169771008182?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	PERIODIC TEST-1
4	September	<b>UNIT- 5</b> System of particles and rotational motion (18 periods) <b>Chapter- 7</b> System of particles and rotational motion <b>UNIT- 6</b> – Gravitation (12 periods)	<a href="https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134013401656197121714?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	

		<b>Chapter- 8</b> Gravitation..... <b>Section-B</b> <ul style="list-style-type: none"> <li>• Experiment – 1</li> <li>• Experiment – 2</li> <li>• Activity – 1</li> </ul>	<a href="https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134013401643827201690?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> Activities of torque	
5	October	Cont... Gravitation <b>UNIT- 7</b> Properties of bulk matter (Total 24 periods) <b>Chapter- 9</b> Mechanical properties of solids <b>Section-B</b> <ul style="list-style-type: none"> <li>• Experiment – 3</li> <li>• Activity – 2</li> </ul>	<a href="https://diksha.gov.in/play/content/do_431345096285351936011421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431345096285351936011421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> Spring constant	Investigatory project to be allotted to students.
6	November	<b>Chapter- 10</b> Mechanical properties of fluids <b>Chapter- 11</b> Thermal properties of matter <b>Section-B</b> <ul style="list-style-type: none"> <li>• Experiment – 4</li> </ul>	<a href="https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134013407660195841944?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> Capillarity action	HALF YEARLY EXAM (Upto October portions)
7	December	<b>Chapter- 11</b> Thermal properties of matter (contd.,) <b>UNIT- 8 – Thermodynamics</b> (12 periods) <b>Chapter- 12</b> Thermodynamics <b>Section-B</b> <ul style="list-style-type: none"> <li>• Activity - 3</li> </ul>	<a href="https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431344473924997120012955?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> <a href="https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134312734382899201513?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> Effect of heating of bi-metallic strip	
8	January	<b>UNIT- 9 – Behaviour of perfect gases and kinetic theory of gases ( 08 periods)</b> <b>Chapter- 13</b>	<a href="https://diksha.gov.in/play/content/do_43134312734384373761527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134312734384373761527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	PERIODIC TESTT-2

		Kinetic theory of gases <b>UNIT- 10</b> - Oscillations and waves (26 periods) <b>Chapter- 14</b> Oscillations	<a href="https://phet.colorado.edu/sims/html/pendulum-lab/latest/pendulum-lab_en.html">https://phet.colorado.edu/sims/html/pendulum-lab/latest/pendulum-lab_en.html</a> Simple pendulum	
9	February	<b>Chapter- 15</b> Waves  REVISION	<a href="https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134312734389534721549?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a> <a href="https://phet.colorado.edu/en/simulations/wave-on-a-string">https://phet.colorado.edu/en/simulations/wave-on-a-string</a> Resonance tube	Session Ending practical examination.
10	March	<b>SESSION ENDING</b>		

## CLASS XI

## SUBJECT- CHEMISTRY (043)

Sl. No.	Month	Name of the Chapter/Topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test /Examination to be conducted
1	June 2025	1. <b>Some basic concepts of Chemistry: (7 Marks)</b> General Introduction: Importance and scope of Chemistry Nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules. Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.	<p>1. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308511749356748811216">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308511749356748811216</a></p> <p>2. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308512522313728011221">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308512522313728011221</a></p> <p>Link for Slip test (sample)  <a href="https://docs.google.com/forms/d/e/1FAIpQLSft-bevgwHyzXIL91baymn4BwUOMno9Yhfh8R1tXg2u8shIDQ/vie wform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSft-bevgwHyzXIL91baymn4BwUOMno9Yhfh8R1tXg2u8shIDQ/vie wform?usp=sf_link</a></p>	Slip test
2	July 2025	2. <b>Structure of Atom (9 marks)</b> Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars. Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals <b>PRACTICAL</b> Basic Laboratory Techniques	<p>1. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308790565829836813140">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308790565829836813140</a></p> <p>2. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308791960796364812305">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31308791960796364812305</a></p> <p>3. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_3130879234472263681357">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_3130879234472263681357</a></p> <p>4. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31315878899585024011176">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31315878899585024011176</a></p> <p>5. <a href="https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31315879214627225611895">https://diksha.gov.in/play/collection/do_3134320674153758721112?contentId=do_31315879214627225611895</a></p> <p>Link for Slip test (sample)  <a href="https://docs.google.com/forms/d/e/1FAIpQLSdQiSoxBjF0XdAfR cxDg7o8ywix8hkYbqqOYgSTGUuLZuWR8w/viewform?usp=sf_link">https://docs.google.com/forms/d/e/1FAIpQLSdQiSoxBjF0XdAfR cxDg7o8ywix8hkYbqqOYgSTGUuLZuWR8w/viewform?usp=sf_link</a></p>	Slip test/monthly test

3	August 2025	<p><b>3. Classification of Elements and Periodicity in Properties (6 marks)</b> Significance of classification, brief history of the development of periodic table. Modern periodic law and the present form of periodic table, periodic trends in properties of elements - atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100</p> <p><b>PRACTICAL</b></p> <p>Quantitative Estimation</p>	<ol style="list-style-type: none"> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907093605826561465">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907093605826561465</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907116611092481415">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907116611092481415</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907149896417281423">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907149896417281423</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907173966315521467">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130907173966315521467</a></li> </ol>	<b>PERIODIC TEST-1</b>
4	September 2025	<p><b>4. Chemical Bonding and Molecular Structure (7 marks)</b> Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules.</p> <p><b>5. Chemical Thermodynamics (9 marks)</b> Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of <math>\Delta U</math> and <math>\Delta H</math>, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief</p>	<ol style="list-style-type: none"> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130921992839823361956">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130921992839823361956</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922019188244481644</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922044636610561645</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922073003704321996</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3130922099511705601997</a></li> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31309221452397772811164">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31309221452397772811164</a></li> </ol> <p><b>Chemical Thermodynamics</b></p> <ol style="list-style-type: none"> <li><a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006264192286721676">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006264192286721676</a></li> </ol>	<b>Monthly test</b>

		<p>introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and nonspontaneous processes, criteria for equilibrium.</p> <p>Third law of thermodynamics (brief introduction)</p> <p><b>PRACTICAL</b> Quantitative Estimation</p>	<p>2. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006278968934401647</a></p> <p>3. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006296365137921648</a></p> <p>4. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006311874969601488</a></p> <p>5. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006328165908481486</a></p> <p>6. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131006343161528321487</a></p>	
5	October 2025	<p><b>6. Equilibrium (Physical) (7 marks)</b></p> <p>Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, Factors affecting equilibrium- Le Chatelier's principle, ionic equilibrium-ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, Henderson Equation, hydrolysis of salts. (Elementary idea),</p> <p><b>REVISION</b> <b>PRACTICAL</b> Experiments related to pH changes Chemical Equilibrium</p>	<p>1. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771067678720012548</a></p> <p>2. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771403129651213531</a></p> <p>3. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771532955648012552</a></p>	Slip test

6	November 2025	<p><b>6. Equilibrium (continued)</b> Buffer solution, solubility product, common ion effect (with illustrative examples).</p> <p><b>7. Redox Reactions (4 marks)</b> Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number.</p> <p><b>PRACTICAL</b> Qualitative analysis</p>	<p>4. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771719475200014360">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_31310771719475200014360</a></p> <p>5. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_313155097166282752158">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_313155097166282752158</a></p> <p>6. <a href="https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131551965545267201512">https://diksha.gov.in/play/collection/do_31343206741537587211112?contentId=do_3131551965545267201512</a> <b>Redox Reactions</b></p> <p>1. <a href="https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3130702520829952001274">https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3130702520829952001274</a></p>	<b>HALF YEARLY</b>
7	December 2025	<p><b>8. Organic Chemistry Some basic principles and techniques (11 marks)</b> General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, Electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.</p> <p><b>PRACTICAL</b> Qualitative analysis</p>	<p>1. <a href="https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131552364074598401237">https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131552364074598401237</a></p>	<b>Slip test</b>
8	January 2025	<p><b>9. Hydrocarbon (Aliphatic) (10 marks)</b> Alkanes - Nomenclature, isomerism, conformation (ethane only), physical</p>	<p>1. <a href="https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_31269372508618752013119">https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_31269372508618752013119</a></p>	<b>PERIODIC TEST-2</b>

		<p>properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markonikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water.</p> <p><b>PRACTICAL</b></p> <ol style="list-style-type: none"> <li>Characterisation and purification of chemical substance</li> <li>Project Work</li> </ol>		
9	February 2025	<p><b>9. Hydrocarbon (Aromatic)</b> Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.</p> <p>REVISION</p>	<a href="https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131142303478824961206">https://diksha.gov.in/play/collection/do_31307457366908928019242?contentId=do_3131142303478824961206</a>	<b>REVISION TEST</b>
10	March 2025	<b>SESSION ENDING EXAM</b>		

## CLASS XI

## SUBJECT- BIOLOGY (044)

Sl. No.	Month	Name of the Chapter/Topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test /Examination to be conducted
1	June 2025	<b>Unit-I Diversity of Living Organisms</b> <b>Chapter-1: The Living World</b> Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature  <b>Chapter-2: Biological Classification</b> Five kingdom classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.	Diversity in living world <a href="https://diksha.gov.in/play/content/do_43134376114898370561">https://diksha.gov.in/play/content/do_43134376114898370561</a> 2931 Species, genus, class <a href="https://diksha.gov.in/play/content/do_431343761148984524812932">https://diksha.gov.in/play/content/do_431343761148984524812932</a>  <b>two kingdom classification</b> <a href="https://diksha.gov.in/play/content/do_43134376114898698241">https://diksha.gov.in/play/content/do_43134376114898698241</a> 2934  <b>Changes in classification</b> <a href="https://diksha.gov.in/play/content/do_43134376114900008961">https://diksha.gov.in/play/content/do_43134376114900008961</a> 2945  <b>Summary of classification</b> <a href="https://diksha.gov.in/play/content/do_431343761148999270412944">https://diksha.gov.in/play/content/do_431343761148999270412944</a>  <b>five kingdom classification</b> <a href="https://diksha.gov.in/play/content/do_431343761148987801612935">https://diksha.gov.in/play/content/do_431343761148987801612935</a>  <b>Eubacteria</b> <a href="https://diksha.gov.in/play/content/do_431343761148990259212937">https://diksha.gov.in/play/content/do_431343761148990259212937</a>  <b>Protista, euglenoids</b> <a href="https://diksha.gov.in/play/content/do_431343761148991897612938">https://diksha.gov.in/play/content/do_431343761148991897612938</a>  <b>Fungi</b> <a href="https://diksha.gov.in/play/content/do_431343819885888307213563">https://diksha.gov.in/play/content/do_431343819885888307213563</a>  <b>Phycomycetes and Ascomycetes</b> <a href="https://diksha.gov.in/play/content/do_431343761148995174412941">https://diksha.gov.in/play/content/do_431343761148995174412941</a>  <b>Viruses</b> <a href="https://diksha.gov.in/play/content/do_431343761148996812812942">https://diksha.gov.in/play/content/do_431343761148996812812942</a>  <b>Viroids, prions and lichens</b>	Class Test

2	July 2025	<p><b>Chapter-3: Plant Kingdom</b>            Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae (Topics excluded – Angiosperms, Plant Life Cycle and Alternation of Generations)</p> <p><b>Chapter-4: Animal Kingdom</b>            Salient features and classification of animals, non-chordates up to phyla level and chordates up to class level (salient features and a few examples of each category). (No live animals or specimen should be displayed.)</p> <p><b>Unit-II: Chapter-5: Morphology of Flowering Plants</b>            Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. Description of family Solanaceae</p>	<a href="https://diksha.gov.in/play/content/do_431343761148998451212943">https://diksha.gov.in/play/content/do_431343761148998451212943</a>  <b>Chlorophyceae</b> <a href="https://diksha.gov.in/play/content/do_431343761149000908812946">https://diksha.gov.in/play/content/do_431343761149000908812946</a>  <b>Phaeophyceae</b> <a href="https://diksha.gov.in/play/content/do_431343761149002547212947">https://diksha.gov.in/play/content/do_431343761149002547212947</a>  <b>Liverworts, mosses</b> <a href="https://diksha.gov.in/play/content/do_431343761149004185612949">https://diksha.gov.in/play/content/do_431343761149004185612949</a>  <b>Pteridophytes</b> <a href="https://diksha.gov.in/play/content/do_431343761149005004812950">https://diksha.gov.in/play/content/do_431343761149005004812950</a>  <b>Pteridophytes-life cycle</b> <a href="https://diksha.gov.in/play/content/do_431343761149005824012951">https://diksha.gov.in/play/content/do_431343761149005824012951</a>  <b>Gymnosperms-1</b> <a href="https://diksha.gov.in/play/content/do_431343761149006643212952">https://diksha.gov.in/play/content/do_431343761149006643212952</a>  <b>Types of life cycles</b> <a href="https://diksha.gov.in/play/content/do_431343761149010739212956">https://diksha.gov.in/play/content/do_431343761149010739212956</a>	Class Test
3	August 2025	<p><b>Unit-II Structural Organization in Plants and Animals</b></p> <p><b>Chapter-6: Anatomy of Flowering Plants</b>            Anatomy and functions of tissue systems in dicots and monocots.</p>	Intro to Morphology of Flowering Plant <a href="https://diksha.gov.in/play/content/do_43134014066755584001994">https://diksha.gov.in/play/content/do_43134014066755584001994</a> <b>Leaf Morphology</b> <a href="https://diksha.gov.in/play/content/do_43134014066764595201996">https://diksha.gov.in/play/content/do_43134014066764595201996</a>	Periodic Test -1

	<p><b>Chapter-7: Structural Organisation in Animals</b> Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.</p> <p><b>Unit-III Cell: Structure and Function</b></p> <p><b>Chapter-8: Cell-The Unit of Life</b> Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.</p>	<p><b>Stem Morphology</b> <a href="https://diksha.gov.in/play/content/do_43134014066764431361995">https://diksha.gov.in/play/content/do_43134014066764431361995</a></p> <p><b>Characteristics of Dicot and Monocot Stem and Root</b> <a href="https://diksha.gov.in/play/content/do_31315453920771276811098">https://diksha.gov.in/play/content/do_31315453920771276811098</a></p> <p><b>Introduction to Flower</b> <a href="https://diksha.gov.in/play/content/do_43134014066764677121997">https://diksha.gov.in/play/content/do_43134014066764677121997</a></p> <p><b>Fruit</b> <a href="https://diksha.gov.in/play/content/do_43134014066764922881999">https://diksha.gov.in/play/content/do_43134014066764922881999</a></p> <p><b>Floral Formula</b> <a href="https://diksha.gov.in/play/content/do_431340140667650867211000">https://diksha.gov.in/play/content/do_431340140667650867211000</a></p> <p><b>Inflorescence</b></p> <p><b>Floral Diagram</b> <a href="https://diksha.gov.in/play/content/do_431340140667651686411001">https://diksha.gov.in/play/content/do_431340140667651686411001</a></p> <p><b>Introduction to The Tissue System</b> <a href="https://diksha.gov.in/play/content/do_431340140667656601611006">https://diksha.gov.in/play/content/do_431340140667656601611006</a></p> <p><b>Permanent Tissues</b> <a href="https://diksha.gov.in/play/content/do_431340140667654144011004">https://diksha.gov.in/play/content/do_431340140667654144011004</a></p> <p><b>Complex Permanent Tissues</b> <a href="https://diksha.gov.in/play/content/do_431340140667655782411005">https://diksha.gov.in/play/content/do_431340140667655782411005</a></p> <p><b>Vascular Tissue System</b> <a href="https://diksha.gov.in/play/content/do_431340140667657420811007">https://diksha.gov.in/play/content/do_431340140667657420811007</a></p> <p><b>Vascular Cambium</b> <a href="https://diksha.gov.in/play/content/do_431340140667661516811010">https://diksha.gov.in/play/content/do_431340140667661516811010</a></p> <p><b>Anatomy of Dicotyledonous Roots</b> <a href="https://diksha.gov.in/play/content/do_431340140667659059211008">https://diksha.gov.in/play/content/do_431340140667659059211008</a></p>	
--	---	---	--

Anatomy of Monocotyledonous Stem  
[https://diksha.gov.in/play/content/do\\_431340140667659878411009](https://diksha.gov.in/play/content/do_431340140667659878411009)

Frog 1  
[https://diksha.gov.in/play/content/do\\_4313342753859158016116684](https://diksha.gov.in/play/content/do_4313342753859158016116684)

Frog 2  
[https://diksha.gov.in/play/content/do\\_4313342753859174400116685](https://diksha.gov.in/play/content/do_4313342753859174400116685)

Introduction  
[https://diksha.gov.in/play/content/do\\_43133712866265415681145](https://diksha.gov.in/play/content/do_43133712866265415681145)

Living Cell  
[https://diksha.gov.in/play/content/do\\_43133712866265743361146](https://diksha.gov.in/play/content/do_43133712866265743361146)

Prokaryotic Cell  
[https://diksha.gov.in/play/content/do\\_43133712866265907201147](https://diksha.gov.in/play/content/do_43133712866265907201147)

Ribosomes  
[https://diksha.gov.in/play/content/do\\_43133712866266808321156](https://diksha.gov.in/play/content/do_43133712866266808321156)

Parts of cell  
[https://diksha.gov.in/play/content/do\\_43133712866265989121148](https://diksha.gov.in/play/content/do_43133712866265989121148)

Cell Wall  
[https://diksha.gov.in/play/content/do\\_43133712866266480641152](https://diksha.gov.in/play/content/do_43133712866266480641152)

Golgi Apparatus  
[https://diksha.gov.in/play/content/do\\_43133712866266644481154](https://diksha.gov.in/play/content/do_43133712866266644481154)

Mitochondria and Plastids  
[https://diksha.gov.in/play/content/do\\_43133712866266726401155](https://diksha.gov.in/play/content/do_43133712866266726401155)

Endoplasmic Reticulum

			<a href="https://diksha.gov.in/play/content/do_43133712866266562561">https://diksha.gov.in/play/content/do_43133712866266562561</a> 153 <u>Cell Membrane</u> <a href="https://diksha.gov.in/play/content/do_43133712866266234881">https://diksha.gov.in/play/content/do_43133712866266234881</a> 150 Nucleus <a href="https://diksha.gov.in/play/content/do_43133712866267136001159">https://diksha.gov.in/play/content/do_43133712866267136001159</a>	
4	September 2025	<b>Chapter-9: Biomolecules</b> Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents – Concept of Metabolism, Metabolic Basis of Living, The Living State) <b>Chapter-10: Cell Cycle and Cell Division</b> Cell cycle, mitosis, meiosis and their significance	Polysaccharides <a href="https://diksha.gov.in/play/content/do_43133712866267791361165">https://diksha.gov.in/play/content/do_43133712866267791361165</a> lipids <a href="https://diksha.gov.in/play/content/do_43133712866267463681162">https://diksha.gov.in/play/content/do_43133712866267463681162</a> Metabolites <a href="https://diksha.gov.in/play/content/do_43133712866267709441164">https://diksha.gov.in/play/content/do_43133712866267709441164</a> Proteins <a href="https://diksha.gov.in/play/content/do_43133712866267873281166">https://diksha.gov.in/play/content/do_43133712866267873281166</a> Structure of Proteins <a href="https://diksha.gov.in/play/content/do_43133712866268282881167">https://diksha.gov.in/play/content/do_43133712866268282881167</a> Polynucleotide <a href="https://diksha.gov.in/play/content/do_43133712866267627521163">https://diksha.gov.in/play/content/do_43133712866267627521163</a> Enzyme Activity <a href="https://diksha.gov.in/play/content/do_43133712866269102081174">https://diksha.gov.in/play/content/do_43133712866269102081174</a> Enzyme Catalysed reactions <a href="https://diksha.gov.in/play/content/do_43133712866268938241172">https://diksha.gov.in/play/content/do_43133712866268938241172</a> Phases of Cell Cycle <a href="https://diksha.gov.in/play/content/do_43134297902481489921">https://diksha.gov.in/play/content/do_43134297902481489921</a> 180 Prophase <a href="https://diksha.gov.in/play/content/do_43134297902481571841181">https://diksha.gov.in/play/content/do_43134297902481571841181</a> Telophase <a href="https://diksha.gov.in/play/content/do_43134297902481735681182">https://diksha.gov.in/play/content/do_43134297902481735681182</a>	Class Test

			Characteristics of Meiosis <a href="https://diksha.gov.in/play/content/do_431342979024818176011">https://diksha.gov.in/play/content/do_431342979024818176011</a> <u>83</u> Prophase II and Metaphase II <a href="https://diksha.gov.in/play/content/do_431342979024821452811">https://diksha.gov.in/play/content/do_431342979024821452811</a> <u>85</u>	
5	October 2025	<b>Unit-IV Plant Physiology</b> <b>Chapter-13: Photosynthesis in Higher Plants</b>  Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.	Photosynthesis In Higher Plants <a href="https://diksha.gov.in/play/content/do_3129888668000419841">https://diksha.gov.in/play/content/do_3129888668000419841</a> <u>3</u> <u>3</u>  Chloroplast and Chlorophyll Pigments <a href="https://diksha.gov.in/play/content/do_43134297902487142401">https://diksha.gov.in/play/content/do_43134297902487142401</a> <u>208</u> Light Harvesting Complex <a href="https://diksha.gov.in/play/content/do_4313429790248722432">https://diksha.gov.in/play/content/do_4313429790248722432</a> <u>1209</u> Non-Cyclic Photophosphorylation <a href="https://diksha.gov.in/play/content/do_43134297902487470081">https://diksha.gov.in/play/content/do_43134297902487470081</a> <u>211</u> Photorespiration <a href="https://diksha.gov.in/play/content/do_4313429790248796160121">https://diksha.gov.in/play/content/do_4313429790248796160121</a> <u>6</u> <u>C3 Cycle</u> <a href="https://diksha.gov.in/play/content/do_4313429790248771584121">https://diksha.gov.in/play/content/do_4313429790248771584121</a> <u>3</u> Cycle Part II <a href="https://diksha.gov.in/play/content/do_43134297902487797761">https://diksha.gov.in/play/content/do_43134297902487797761</a> <u>214</u> Chemiosmotic Hypothesis <a href="https://diksha.gov.in/play/content/do_43134297902487633921">https://diksha.gov.in/play/content/do_43134297902487633921</a> <u>212</u> C4 Cycle <a href="https://diksha.gov.in/play/content/do_43134297902487879681">https://diksha.gov.in/play/content/do_43134297902487879681</a> <u>215</u> Factors affecting Photosynthesis <a href="https://diksha.gov.in/play/content/do_43134297902488125441">https://diksha.gov.in/play/content/do_43134297902488125441</a> <u>217</u> Processes Involved In Respiration And Photosynthesis <a href="https://diksha.gov.in/play/content/do_312988866810789888134">https://diksha.gov.in/play/content/do_312988866810789888134</a>	Class Test

6	November 2025	<p><b>Chapter-14: Respiration in Plants</b></p> <p>Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.</p> <p><b>Chapter-15: Plant - Growth and Development</b></p> <p>Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.</p>	Glycolysis <a href="https://diksha.gov.in/play/content/do_43134297902488289281_219">https://diksha.gov.in/play/content/do_43134297902488289281_219</a> Lactic Acid Fermentation <a href="https://diksha.gov.in/play/content/do_43134297902488371201_220">https://diksha.gov.in/play/content/do_43134297902488371201_220</a> Link Reaction <a href="https://diksha.gov.in/play/content/do_43134297902488453121_221">https://diksha.gov.in/play/content/do_43134297902488453121_221</a> Respiratory Balance Sheet <a href="https://diksha.gov.in/play/content/do_43134297902488535041_222">https://diksha.gov.in/play/content/do_43134297902488535041_222</a> Plant Growth is Measurable Growth Rates <a href="https://diksha.gov.in/play/content/do_43134297902488780801224">https://diksha.gov.in/play/content/do_43134297902488780801224</a> Growth Rates <a href="https://diksha.gov.in/play/content/do_43134297902488780801224">https://diksha.gov.in/play/content/do_43134297902488780801224</a> Dedifferentiation & Redifferentiation <a href="https://diksha.gov.in/play/content/do_43134297902488862721225">https://diksha.gov.in/play/content/do_43134297902488862721225</a> Discovery of Plant Growth Regulators <a href="https://diksha.gov.in/play/content/do_43134297902489026561226">https://diksha.gov.in/play/content/do_43134297902489026561226</a> Effects of Plant Growth Regulators <a href="https://diksha.gov.in/play/content/do_43134297902489272321228">https://diksha.gov.in/play/content/do_43134297902489272321228</a> Plants Growth And Development: Plant Hormones <a href="https://diksha.gov.in/play/content/do_312988866819620864135">https://diksha.gov.in/play/content/do_312988866819620864135</a>	HALF YEARLY EXAMINATION
7	December 2025	<p><b>Unit-V Human Physiology</b></p> <p><b>Chapter-17: Breathing and Exchange of Gases</b></p> <p>Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of</p>	Introduction & Respiratory Organs <a href="https://diksha.gov.in/play/content/do_43134307454701977601_344">https://diksha.gov.in/play/content/do_43134307454701977601_344</a> Transport of Gases <a href="https://diksha.gov.in/play/content/do_43134307454702223361_346">https://diksha.gov.in/play/content/do_43134307454702223361_346</a>	Class test

		<p>breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.</p> <p><b>Chapter-18: Body Fluids and Circulation</b></p> <p>Composition of blood, blood groups, coagulation of blood; composition of lymph and its function;</p> <p>human circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.</p>	<p>Respiratory Volumes  <a href="https://diksha.gov.in/play/content/do_43134307454702141441345">https://diksha.gov.in/play/content/do_43134307454702141441345</a></p> <p>Disorders of Respiratory System  <a href="https://diksha.gov.in/play/content/do_43134307454702387201347">https://diksha.gov.in/play/content/do_43134307454702387201347</a></p> <p>Blood and Components of Blood  <a href="https://diksha.gov.in/play/content/do_43134307454702632961349">https://diksha.gov.in/play/content/do_43134307454702632961349</a></p> <p>Blood Groups  <a href="https://diksha.gov.in/play/content/do_43134307454702714881350">https://diksha.gov.in/play/content/do_43134307454702714881350</a></p> <p>Human Circulatory System  <a href="https://diksha.gov.in/play/content/do_43134307454702878721352">https://diksha.gov.in/play/content/do_43134307454702878721352</a></p> <p>Cardiac Cycle  <a href="https://diksha.gov.in/play/content/do_43134307454703042561353">https://diksha.gov.in/play/content/do_43134307454703042561353</a></p> <p>Introduction of Lymph  <a href="https://diksha.gov.in/play/content/do_43134307454702796801351">https://diksha.gov.in/play/content/do_43134307454702796801351</a></p> <p>Double Circulation  <a href="https://diksha.gov.in/play/content/do_43134307454703124481354">https://diksha.gov.in/play/content/do_43134307454703124481354</a></p>	
8	January 2025	<p><b>Chapter-19: Excretory Products and their Elimination</b></p> <p>Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin,</p>	<p>Introduction  <a href="https://diksha.gov.in/play/content/do_43134307454703534081358">https://diksha.gov.in/play/content/do_43134307454703534081358</a></p> <p>Introduction of Excretion  <a href="https://diksha.gov.in/play/content/do_43134307454703206401355">https://diksha.gov.in/play/content/do_43134307454703206401355</a></p> <p>Functional Unit of Excretory System  <a href="https://diksha.gov.in/play/content/do_43134307454703288321">https://diksha.gov.in/play/content/do_43134307454703288321</a></p> <p>Fate of Ammonia</p>	PERIODIC TEST-2

	<p>atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.</p> <p><b>Chapter-20: Locomotion and Movement</b></p> <p>Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.</p> <p><b>Chapter-21: Neural Control and Coordination</b></p> <p>Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse</p>	<p><a href="https://diksha.gov.in/play/content/do_43134297902486896641_206">https://diksha.gov.in/play/content/do_43134297902486896641_206</a></p> <p>Introduction and Recall test  <a href="https://diksha.gov.in/play/content/do_43134307454703370241_357">https://diksha.gov.in/play/content/do_43134307454703370241_357</a></p> <p>Counter Current Mechanism  <a href="https://diksha.gov.in/play/content/do_43134307454703616001_359">https://diksha.gov.in/play/content/do_43134307454703616001_359</a></p> <hr/> <p>Connection Between Brain (CNS)  <a href="https://diksha.gov.in/play/content/do_43134307454703861761_361">https://diksha.gov.in/play/content/do_43134307454703861761_361</a></p> <p>Uremia  <a href="https://diksha.gov.in/play/content/do_43134307454704025601363">https://diksha.gov.in/play/content/do_43134307454704025601363</a></p> <p>ADH Excretion  <a href="https://diksha.gov.in/play/content/do_43134307454703697921360">https://diksha.gov.in/play/content/do_43134307454703697921360</a></p> <p>Types of Movement  <a href="https://diksha.gov.in/play/content/do_43134307454704271361_365">https://diksha.gov.in/play/content/do_43134307454704271361_365</a></p> <hr/> <p>Mechanism of Muscle contraction  <a href="https://diksha.gov.in/play/content/do_43134307454704435201_366">https://diksha.gov.in/play/content/do_43134307454704435201_366</a></p> <p>Axial Skeletal System  <a href="https://diksha.gov.in/play/content/do_43134307454704517121367">https://diksha.gov.in/play/content/do_43134307454704517121367</a></p> <hr/> <p>Fibrous joints &amp; Cartilaginous Joints  <a href="https://diksha.gov.in/play/content/do_43134307454704680961368">https://diksha.gov.in/play/content/do_43134307454704680961368</a></p> <p>Disorders of skeletal system  <a href="https://diksha.gov.in/play/content/do_43134307454704762881369">https://diksha.gov.in/play/content/do_43134307454704762881369</a></p> <p>Mechanism Of Muscle Contraction  <a href="https://diksha.gov.in/play/content/do_312988866951643136112">https://diksha.gov.in/play/content/do_312988866951643136112</a></p>	
--	--	--	--

		Human Neural System	
--	--	---------------------	--

			<p><a href="https://diksha.gov.in/play/content/do_43134307454705090561371">https://diksha.gov.in/play/content/do_43134307454705090561371</a></p> <p><b>Structure of Neuron</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705172481372">https://diksha.gov.in/play/content/do_43134307454705172481372</a></p> <p><b>Neural System in Lower Organisms</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454704844801370">https://diksha.gov.in/play/content/do_43134307454704844801370</a></p> <p><b>Structure of Brain</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705254401373">https://diksha.gov.in/play/content/do_43134307454705254401373</a></p> <p><b>Reflex Action</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705336321374">https://diksha.gov.in/play/content/do_43134307454705336321374</a></p> <p><b>Sense Organs</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705418241375">https://diksha.gov.in/play/content/do_43134307454705418241375</a></p>	
9	February 2025	<p><b>Chapter-22: Chemical Coordination and Integration</b></p> <p>Endocrine glands and hormones; human endocrine system - hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goitre, diabetes, Addison's disease.</p> <p>Note: Diseases related to all the human physiological systems to</p>	<p>Human Endocrine System Introduction</p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705745921378">https://diksha.gov.in/play/content/do_43134307454705745921378</a></p> <p>Endocrine Glands and Concept Test1</p> <p><a href="https://diksha.gov.in/play/content/do_431343074547055001616">https://diksha.gov.in/play/content/do_431343074547055001616</a></p> <p><b>Human Endocrine System</b></p> <p><a href="https://diksha.gov.in/play/content/do_43134307454706073601382">https://diksha.gov.in/play/content/do_43134307454706073601382</a></p> <p>Endocrine Gland</p> <p><a href="https://diksha.gov.in/play/content/do_312988867012788224115">https://diksha.gov.in/play/content/do_312988867012788224115</a></p> <p>Pineal Gland and Concept Test 3</p> <p><a href="https://diksha.gov.in/play/content/do_43134307454705909761380">https://diksha.gov.in/play/content/do_43134307454705909761380</a></p> <p>Pituitary Gland and Concept Test</p>	SESSION ENDING PRACTICAL EXAMINATION

		be taught in brief.		
--	--	---------------------	--	--

	REVISION	<p><a href="https://diksha.gov.in/play/content/do_43134307454705827841_379">https://diksha.gov.in/play/content/do_43134307454705827841_379</a></p> <p><b>Pituitary Gland</b>  <a href="https://diksha.gov.in/play/content/do_31298886700214681611_4">https://diksha.gov.in/play/content/do_31298886700214681611_4</a></p> <p><b>Parathyroid Gland</b>  <a href="https://diksha.gov.in/play/content/do_43134307454705991681_381">https://diksha.gov.in/play/content/do_43134307454705991681_381</a></p> <p>Adrenal Gland and Concept Test  <a href="https://diksha.gov.in/play/content/do_43134307454706155521_383">https://diksha.gov.in/play/content/do_43134307454706155521_383</a></p> <p>Pancreas  <a href="https://diksha.gov.in/play/content/do_43134307454706237441_384">https://diksha.gov.in/play/content/do_43134307454706237441_384</a></p> <p><b>Testis</b>  <a href="https://diksha.gov.in/play/content/do_43134307454706401281_385">https://diksha.gov.in/play/content/do_43134307454706401281_385</a></p> <p><b>Ovary</b>  <a href="https://diksha.gov.in/play/content/do_43134307454706565121386">https://diksha.gov.in/play/content/do_43134307454706565121386</a></p> <p><b>Hormones of Heart</b>  <a href="https://diksha.gov.in/play/content/do_43134307454706647041387">https://diksha.gov.in/play/content/do_43134307454706647041387</a></p> <p><b>Hormones</b>  <a href="https://diksha.gov.in/play/content/do_43134307454705582081377">https://diksha.gov.in/play/content/do_43134307454705582081377</a></p> <p><b>Hormone Receptors</b>  <a href="https://diksha.gov.in/play/content/do_43134307454706892801389">https://diksha.gov.in/play/content/do_43134307454706892801389</a></p> <p><b>Mechanism of Hormonal Action</b>  <a href="https://diksha.gov.in/play/content/do_43134307454706728961388">https://diksha.gov.in/play/content/do_43134307454706728961388</a></p> <p><u>Biology SrSec 2023-24.pdf (cbseacademic.nic.in)</u></p>	
10	March 2025	Session Ending Examination	

## CLASS XI

## SUBJECT- INFORMATICS PRACTICE (065)

Sl. No	Month	Name of chapter/topic to be covered	Teaching aids/ e-content/ innovative practices	Test/examination to be executed
1	June & July 2025	<p><b>Unit 1: Introduction to Computer System</b></p> <p>Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices.</p> <p>Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns.</p> <p>Software: purpose and types – system and application software, generic and specific purpose software.</p>	<a href="https://t.ly/AUfe-">https://t.ly/AUfe-</a>	Class Tests
2	August	<p><b>Unit 2: Introduction to Python</b></p> <p>Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging.</p> <p>Control Statements: if-else, if-elif-else</p>	<a href="https://t.ly/9Qwki">https://t.ly/9Qwki</a>	Periodic Test-1
3	September	<p>Control Statements: while loop, for loop</p> <p>Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions.len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()</p>	<a href="https://t.ly/_ekYT">https://t.ly/_ekYT</a>	Class Tests
4	October	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: dict(), len(), keys(), values(), items(), update(), del(), clear()	<a href="https://t.ly/_ekYT">https://t.ly/_ekYT</a>	Class Tests

]

## CLASS XI

## SUBJECT- COMPUTER SCIENCE (083)

Sl. No	Month	Name of chapter/topic to be covered	Teaching aids/ e-content/ innovative practices	Test/ examination to be executed
1	June & July 2025	<p><b>Unit I: Computer Systems and Organisation</b></p> <ul style="list-style-type: none"> <li>Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)</li> <li>Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software</li> <li>Operating System (OS): functions of the operating system, OS user interface</li> <li>Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits</li> <li>Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems</li> <li>Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)</li> </ul>		Class Test
2	August	<p><b>Unit II: Computational Thinking and Programming - I</b></p> <ul style="list-style-type: none"> <li>Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudo code, decomposition</li> <li>Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens( keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments.</li> <li>Knowledge of data types: Number(integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types.</li> </ul>		Periodic Test - 1

		<ul style="list-style-type: none"> <li>Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in)</li> <li>Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output.</li> <li>Errors- syntax errors, logical errors, and run-time errors</li> </ul>		
3	September	<ul style="list-style-type: none"> <li>Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow</li> <li>Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number.</li> <li>Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc.</li> <li>Strings: introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods—len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()</li> </ul>		Class Test
4	October	<ul style="list-style-type: none"> <li>Lists: introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods—len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list.</li> </ul>		Class Tests
5	November	<ul style="list-style-type: none"> <li>Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple.</li> <li>Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods</li> </ul>		Half Yearly

		- len(), dict(), keys(), values(), items(), get(), update(), del(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted(); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them		
6	December	Introduction to Python modules: Importing module using ‘import <module>’ and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()), statistics module (mean(), median(), mode()).		Class Tests/Unit Tests/Slip Tests
7	January	<p><b>Unit III: Society, Law and Ethics</b></p> <ul style="list-style-type: none"> <li>● Digital Footprints</li> <li>● Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquette</li> <li>● Data Protection: Intellectual property rights (copyright, patent , trademark), violation of IPR(plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache)</li> <li>● Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyber bullying</li> <li>● Cyber safety: safely browsing the web, identity protection, confidentiality</li> <li>● Malware: viruses, trojans, adware</li> <li>● E-waste management: proper disposal of used electronic gadgets.</li> <li>● Information Technology Act (IT Act)</li> <li>● Technology and society: Gender and disability issues while teaching and using computers</li> </ul>		Periodic Test II
8	February	Comprehensive Revision, Practical Examination and Project Submission		Revision Test / Slip Tests
9	March	<b>SESSION EXAM ENDING</b>		
CBSE curriculum 2025-26 – Class XI Computer Science		<a href="https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf">https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf</a>		
CBSE Text Book:		<a href="https://cbseacademic.nic.in//web_material/doc/cs/1_Computer-Science-Python-Book-Class-XI.pdf">https://cbseacademic.nic.in//web_material/doc/cs/1_Computer-Science-Python-Book-Class-XI.pdf</a>		
NCERT Text Book: (Rationalised Content)		<a href="https://ncert.nic.in/textbook.php?kecs1=0-11">https://ncert.nic.in/textbook.php?kecs1=0-11</a>		

## CLASS XI

**SUBJECT- GEOGRAPHY (029)**

SI No	MONTH	NAME OF CHAPTER /TOPIC TO BE COVERED	TEACHING AIDS/E-CONTETNT/INNOVATIVE PRACTICES TO BE ADOPTED	TEST/EXAMINATIO N TO BE CONDUCTED
1	JUNE 2025	<b>Fundamentals of Physical Geography</b> <ul style="list-style-type: none"> <li>1. Geography as a discipline</li> <li>2. The origin and evolution of the earth</li> </ul>	<ul style="list-style-type: none"> <li>• Make a table of branches of physical and human geography.</li> <li>• Watch videos of theories (Big Bang etc.) in the class room through projector.  <a href="https://www.youtube.com/watch?v=HdPzOWILrbE">https://www.youtube.com/watch?v=HdPzOWILrbE</a> </li> </ul>	SLIP TEST AND WORKSHEETS
2	JULY	<b>India- Physical Environment</b> <ul style="list-style-type: none"> <li>1. India-location</li> </ul> <b>Fundamentals of Physical Geography</b> <ul style="list-style-type: none"> <li>3. Interior of the earth</li> <li>4. Distribution of oceans and continents</li> </ul>	<ul style="list-style-type: none"> <li>• On an outline map of India mark all the neighbouring countries and compare the size of India with its neighbours.</li> <li>• Make a list of all the states that share common boundary with our neighbouring countries.</li> <li>• Mark and label the land boundary and coastline on an outline map of India.</li> <li>• On a political map of India mark and label the states and UTs.  <a href="https://pib.gov.in/PressReleseDetailm.aspx?PRID=1590112">https://pib.gov.in/PressReleseDetailm.aspx?PRID=1590112</a> </li> <li>• Deep drilling projects  <a href="https://ocean.si.edu/ecosystems/deep-sea/integrated-ocean-drilling-program">https://ocean.si.edu/ecosystems/deep-sea/integrated-ocean-drilling-program</a> </li> <li>• Draw a well labelled diagram to show the interior of the earth.</li> </ul>	SLIP TEST AND WORKSHEETS

			<ul style="list-style-type: none"> <li>• Draw a diagram of a volcano and mark the following parts: a. Magma Chamber b. Vent c. Central Pipe d. Lava flow</li> <li>• Draw a diagram to show the intrusive volcanic forms</li> <li>• Case study of earthquakes that occurred in India in recent times and in Turkey.</li> <li>• On the outline world map mark and label the following: a. Major plate boundaries b. Ring of fire c. Hot spot Volcanoes</li> <li>• Tectonic plates <a href="https://www.youtube.com/watch?v=vxmoxDznXe4">https://www.youtube.com/watch?v=vxmoxDznXe4</a></li> <li>• Draw diagrams to show different types of plate boundaries</li> </ul>	
3	AUGUST	<b>India- Physical Environment</b> 2 India-structure and physiography <b>Fundamentals of Physical Geography</b> 5. Geomorphic processes	<ul style="list-style-type: none"> <li>• Identify the physiographic and geological region you live in. Discuss the impact of physiography on the development of your region.</li> <li>• On an outline map of India mark and label the physiographic divisions of India.</li> <li>• Prepare a concept map to show different Exogenic and Endogenic Processes.</li> <li>• Students will prepare concept map on denudational processes.</li> <li>• Study types of weathering: Physical, Chemical, Biological and understanding their importance for human being.</li> <li>• Study types of mass movements and prepare a mind map.</li> </ul>	PERIODIC TEST 1
4	SEPTEMBER	6. Landforms and their evolution, <b>India- Physical Environment</b>	Draw neat and well labelled diagrams of landforms created by running water, wind and waves etc.	SLIP TEST AND WORKSHEETS

		3. India-drainage system  <b>Fundamentals of Physical Geography</b> 7. Composition and structure of atmosphere	<ul style="list-style-type: none"> <li>Draw a neat and well labelled diagram to show different layers of the atmosphere and write the importance of each layer.</li> </ul>	
5	OCTOBER	<b>Fundamentals of Physical Geography</b>  8. Solar radiation, heat balance and temperature <b>India- Physical Environment</b>  4. Climate	<ul style="list-style-type: none"> <li>Students to learn about the three different modes of heat transfer—convection, conduction, radiation—with the help of an activity and how they are related to the Sun and life on our planet.</li> <li>Draw a diagram to show the passage of solar radiation through the atmosphere.</li> <li>Study the figure 9.4 and 9.5 and write the distribution of surface temperature in the month of January and July.</li> <li>Students to mark and label the hottest, coldest, driest and wettest place in India. (on a political map)</li> <li>Students should be made to understand Air Quality Index. <a href="https://www.aqi.in/in/dashboard/india">https://www.aqi.in/in/dashboard/india</a></li> </ul>	SLIP TEST AND WORKSHEETS
6	NOVEMBER	<b>Fundamentals of Physical Geography</b>  9. Atmospheric circulation and weather system <b>India- Physical Environment</b>  5. India-natural vegetation	<ul style="list-style-type: none"> <li>To mark all major types of forests on a map of India.</li> <li>Class can be divided into groups to collect information about people's (common man) participation in the conservation of forests and wildlife.</li> </ul>	Half yearly examination
7	DECEMBER	<b>Fundamentals of Physical Geography</b>  10. Water in the atmosphere  11. World climate and climate change	<ul style="list-style-type: none"> <li>Draw diagrams of different types of rainfall.</li> <li>On a world map mark and label areas of heavy, moderate, low and inadequate rainfall.</li> <li>Classify climate based on various schemes by Koeppen with the help of a mind map.</li> </ul>	SLIP TEST AND WORKSHEETS

8	JANUARY 2025	<b>Fundamentals of Physical Geography</b> 12. water(ocean)  13. movements of ocean water	<ul style="list-style-type: none"> <li>• Draw a diagram to show major and minor features of ocean floor.</li> <li>• Study figure 13.5 and analyse the horizontal distribution of salinity in different oceans.</li> <li>• Locate and label the major seas on a political map of the world.</li> <li>• Draw a diagram of spring and neap tides.</li> </ul>	PERIODIC TEST 2
9	FEBRUARY	<b>Fundamentals of Physical Geography</b> 14. Biodiversity and conservation <b>India- Physical Environment</b>  6 India-natural hazards and disasters	<ul style="list-style-type: none"> <li>• Make a list of flora and fauna found in your surroundings and make a scrap book containing information and pictures of at least ten species.</li> <li>• Divide your class into groups and allocate one disaster to each group. Every group should think of themselves as living in a disaster-prone area of their allocated topic. All groups would give a presentation on causes, impact and risk reduction of that disaster</li> <li>• Disaster digital online game- Stop Disasters!” simulates natural hazards and serves as an interactive educational tool for children <a href="https://www.stopdisastersgame.org/">https://www.stopdisastersgame.org/</a></li> </ul>	INTERNAL ASSESSMENTS  REVISION
10	MARCH			Session ending examination

## CLASS XI

## SUBJECT- ECONOMICS (030)

MONTH	NAME OF THE CHAPTER / TOPIC	TEACHING AID/ E MATERIAL	TEST EXAMINATION TO BE CONDUCTED
JUNE 2025	<p><b><u>Introduction:</u></b></p> <p>What is Economics?</p> <p>Meaning, scope, functions and importance of statistics in Economics</p> <p><b>Collection, Organisation and Presentation of data</b> Collection of data - sources of data - primary and secondary;</p>	Power point presentations and other e-contents available on DIKSHA.	
JULY	<p><b><u>Collection, Organisation and Presentation of data (Cont.--)</u></b></p> <p>Collection of data - how basic data is collected, concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.</p> <p><b>Organisation of Data:</b> Meaning and types of variables; Frequency Distribution</p> <p><b>Presentation of Data:</b> Tabular Presentation and Diagrammatic Presentation of Data:</p> <p>(i) Geometric forms (bar diagrams and pie diagrams), Frequency diagrams (histogram, polygon and ogive) and (iii) Arithmetic line graphs (time series graph).</p> <p><b><u>Introductory Microeconomics</u></b></p> <p>Introduction</p> <p>Meaning of microeconomics and macroeconomics; positive and normative economics</p>	<p><a href="https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347532020121611421?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PERIODIC TEST-I</b>  <b>(Including objective types of 1 mark)</b>  <b>Short answer types of 3 and 4 marks</b>  <b>Long answer types of 6 marks)</b></p>	

	What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity cost		
AUGUST	<p><b><u>Consumer's Equilibrium and Demand</u></b></p> <p><b>Consumer's equilibrium</b> - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis.</p> <p><b>Indifference curve analysis of consumer's equilibrium</b>- consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.</p>	E material from DIKSHA app. <a href="https://diksha.gov.in/play/content/do_31308396326704742411255">https://diksha.gov.in/play/content/do_31308396326704742411255</a>  <a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	
SEPTEMBER	<p><b><u>Statistical tools and Interpretation</u></b></p> <p><b>Measures of Central Tendency- Arithmetic Mean</b></p> <p>Median and mode.</p> <p><b>Consumers Equilibrium and Demand</b> :- Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand;</p> <p>Measurement of price elasticity of demand – percentage-change method and total expenditure method.</p> <p><b>COMMENCEMENT OF PROJECT WORK</b></p>		

OCTOBER	<p>.Producer Behaviour and Supply</p> <p>Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product.</p> <p>Returns to a Factor</p>	<a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	<p>Half-Yearly Examination (Including objective types of 1 marks Short answer types of 3 and 4 marks Long answer types of 6 marks)</p>
NOVEMBER	<p>(REVISION FOR HALF YEARLY EXAM)</p> <p>Producer Behaviour and Supply(Contd.-)</p> <p>Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.-</p> <p>Revenue: total, average and marginal revenue - meaning and their relationship.</p> <p>Producer's equilibrium-meaning and its conditions in terms of marginal revenue- marginal cost.</p> <p>Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage- change method.</p>	<a href="https://diksha.gov.in/play/content/do_3130922087384104961957">https://diksha.gov.in/play/content/do_3130922087384104961957</a>  <a href="https://diksha.gov.in/play/content/do_31309221589076377611308">https://diksha.gov.in/play/content/do_31309221589076377611308</a>	
DECEMBER	<p>Statistical tools and Interpretation(Contd.....)</p> <p>Correlation – meaning and properties, scatter diagram</p> <p>Measures of correlation - Karl Pearson's method</p> <p>(Two variables ungrouped data) Spearman's rankcorrelation.(Non -</p>	E material from DIKSHA app	

	<p>Repeated Ranks and Repeated Ranks)</p> <p>Forms of Market and Price Determination under Perfect Competition with simple application</p> <p>Perfect competition - Features;</p>		
JANUARY 2025	<p>Forms of Market and Price Determination under Perfect Competition with simple application (Contd...)</p> <p>Determination of market equilibrium and effects of shifts in demand and supply.(Short run only)</p> <p>Simple Applications of Demand and Supply: Price ceiling, price floor.</p>	<p>Examples resembling this market form are- Online purchasing and wheat production can be sighted.</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347542798336011098?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131155176939274241313">https://diksha.gov.in/play/content/do_3131155176939274241313</a></p>	<p>PERIODIC TEST-II</p> <p>(Including objective types of 1 marks</p> <p>Short answer types of 3 and 4 marks</p> <p>Long answer types of 6 marks)</p>
FEBRUARY	<p>Introduction to Index Numbers- meaning, types - wholesale price index, consumer price index and Index of industrial production, uses of index numbers; Inflation and index numbers. Simple Aggregative method</p> <p><b>Project in Economics</b></p> <p><b>REVISION FOR Exam(2025-26)</b></p>		
MARCH	<b><u>SEE 2025-26</u></b>		SEE (2025-26)

**CLASS XI****SUBJECT: History (027)**

SL NO	MONTH	NAME OF THE THEME	TEST/ EXAM
1	JUNE 2025	(Introduction of world History & Introduction of timeline I (6 MYA TO 1 BCE))	CLASS TEST
2	JULY	THEME 1-Writing and city life	CLASS TEST
3	AUGUST	(Introduction Timeline II (C. 100 BCE TO 1300 CE) ) THEME 2-An Empire across three Continents	PERIODIC TEST 1
4	SEPTEMBER	THEME 3-Nomadic Empires	CLASS TEST
5	OCTOBER	(Introduction Timeline III (C. 1300 TO 1700)) THEME 4- The Three Orders	CLASS TEST
6	NOVEMBER	THEME 5- Changing Cultural Traditions	HALF YEARLY
7	DECEMBER	Introduction Timeline IV (C. 1700 TO 2000)) THEME 6- Displacing Indigenous People	CLASS TEST
8	JANUARY 2025	THEME 7- Paths to Modernisation	PERIODIC TEST 2
9	FEBRUARY	REVISION & Map work of related themes Project work	PROJECT WORK
10	MARCH	REVISION & SSE	<b>SESSION ENDING EXAMINATION</b>

## NOTE-

1. AS PER CBSE SYLLABUS AND NEW EDITION OF NCERT TEXT BOOK
2. INTERNAL ASSESSMENT-20 MARKS

## CLASS XI

## SUBJECT- BUSINESS STUDIES (054)

SL. NO.	MONTH	UNIT AND CHAPTER	Teaching Aids/E- content/Innovative practices to be adopted	Test/ Examination to be conducted
		<b>(PART A) Foundation of Business</b>		
1	JUNE 2025	1. Nature and Purpose of Business	<p><b>Suggested Activity:</b></p> <ol style="list-style-type: none"> <li>1. Testing previous knowledge related to history of trade and commerce.</li> <li>2. Lecture method for explaining the concepts of trade and commerce.</li> <li>3. Group discussion method (Topic on differentiate between business, profession and employment and basic factors to be considered while starting a business..</li> <li>4. Use of Visual aids on classification of Industries.</li> </ol> <p><b>e-content:</b></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080230084214784114288">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080230084214784114288</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080223008587776114282">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080223008587776114282</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308586845424844812738">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308586845424844812738</a></p>	Class Test

2	JULY	2.Forms of Business Organization	<p><b>Suggested Activity:</b></p> <ol style="list-style-type: none"> <li>1. Use of Role play method to explain the concept of Partnership, H.U.F. and Cooperative societies.</li> <li>2. Use of group discussion method to develop the understanding of merits and demerits of Sole Proprietorship, Partnership, H.U.F. and Cooperative societies.</li> <li>3. Initiating a virtual trip to Cooperative societies approved by Govt. of India for explaining “types of cooperative societies”.</li> <li>4. Use of Survey method to find out features and working of different forms of business organizations.</li> </ol> <p><b>e-content:</b></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080229095497728113973">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313080229095497728113973</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130878990761246721111">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130878990761246721111</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130879015177665613134">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130879015177665613134</a></p>	<b>Class Test</b>
3	AUGUST	3. Public, Private and Global Enterprises.	<p><b>Suggested Activity:</b> Reciprocal questioning Use reciprocal questioning to encourage an open dialogue in which students take on the role of the teacher and create their own questions about a topic, reading a section, or lesson and form small groups of students for framing questions by providing “question stems” and others would try to find answer for the questions</p>	<b>Periodic Test-I</b>

			<p><b>e-content:</b></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130901352861204481121">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130901352861204481121</a></p>	
		4.Business Services	<p><b>Suggested Activity</b></p> <p>1. Lecture Method</p> <p>2. Use of Brainstorming method for banking services.</p> <p>3. Connect with daily life examples.</p> <p>4. Use of Visual aids on Banking System.</p> <p>5. Use of Survey method.</p> <p><b>e-content:</b></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a></p>	
4	SEPTEMBER	4. Business Services (contd..)	<p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a></p>	Class Test
		5.Emerging Modes of Business	<p><b>Suggested Activity:</b></p> <p>Initiate a discussion among the students to form two groups for a debate. One group favoring e-business and another group expressing views on the negative sides of e business and supporting traditional</p>	

			business.  <b>e-content:</b>  <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995">https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3130921901375406081995</a>	
5	OCTOBER	6. Social Responsibility of Business and Business Ethics	<b>Suggested Activity:</b>  Symposium Method: Assigning the task of presenting selected topics covering the chapter wherein student come up with various innovative ideas during their presentation  <b>e-content:</b>  <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31314254219020697611870">https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31314254219020697611870</a>	<b>Class Test</b>
6	NOVEMBER	(PARTB) Finance and Trade  7. Sources of Business Finance.	<b>Suggested Activity:</b>  1. Interactive Lecture method for explaining the concepts of Business Finance and various sources of business finance.  2. Group discussion method (Topic on differentiate between Debenture and Shares, Equity shares and Preference shares).  <b>e-content:</b>  <a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31321462534099763211036">https://diksha.gov.in/play/collection/do_31310347535117516811487?referr=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31321462534099763211036</a>	<b>Half Yearly Exam</b>
		Small Business & Enterprises	<b>Suggested Activity:</b>  1. Use of Brain storming session for discussing scope Entrepreneurship	

			<p>Development in India of Small Business.</p> <p>2. Use of Visual aids to familiarize the Government schemes and agencies for small scale industries.</p> <p><b>e-content:</b></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31319415784017100811730">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31319415784017100811730</a></p>	
7	DECEMBER	9.Internal Trade	<p><b>Suggested Activity:</b></p> <p>1. Recall the daily activities that each one is engaged with and appreciate their role for making everyone's life comfortable.</p> <p>2. Form groups of students for playing the role of different types of traders that students have seen in their daily life</p> <p>3. Experiential learning method</p> <p><b>e-content:</b></p>	<b>Class Test</b>
8	JANUARY 2025	9.Internal Trade (contd.)	<p><a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3132113353273917441226">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_3132113353273917441226</a></p>	<b>Periodic Test-II</b>
		10.International Business	<p><b>Suggested Activity:</b></p> <p>1. Use of visual aids on the topic: Import trade and export trade procedure.</p> <p>2. Use of Survey method to find out features and working of international business.</p> <p>3. Holding Seminars by Students on small topics for initiating wider learning for gathering details of selected topics.</p> <p><b>e-content:</b></p>	

			<a href="https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313211335066034176198">https://diksha.gov.in/play/collection/do_31310347535117516811487?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_313211335066034176198</a>	
9	FEBRUARY	<b>Project work REVISION</b>	Refer to page 16-31 for the details of project work from CBSE Curriculum (Business Studies).	
10	MARCH	<b>SESSION ENDING EXAM</b>	Question Paper to be prepared in line with the pattern given in page 8 of CBSE Curriculum (Business Studies).	<b>SESSION ENDING EXAM</b>
	Additional links for references	Sample Question Papers (4 sets)  NCERT TEXT BOOK	<a href="https://ncert.nic.in/textbook.php?kebsl=0-11">https://ncert.nic.in/textbook.php?kebsl=0-11</a>  <a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Business_Studies_SrSec_2025-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Business_Studies_SrSec_2025-25.pdf</a>	

## CLASS XI

## SUBJECT- ACCOUNTANCY (055)

SL NO	MONTH	UNIT/CHAPTER	Teaching Aids/E-Content/ Innovative practices to be adopted	Test/Examination	
		<b>PART-A FINANCIAL ACCOUNTING-I</b>			
1	JUNE 2025	<b>UNIT-I</b>  <b>Theoretical Framework:</b> <b>Introduction to Accounting</b> <b>Theory base of accounting</b>	<p>Suggested activity:</p> <ol style="list-style-type: none"> <li>1. Lecture method for Introduction &amp; familiarization of the accounting concepts</li> <li>2. Use of Mind maps/ ppt on objectives and uses of accounting</li> <li>3. Group discussion on users of accounting information</li> </ol> <p><b>e-content:</b></p> <p><a href="https://drive.google.com/file/d/1Z0D25MUYcaAD5RB3orP4agrUoTWUiRGv/view?usp=share_link">https://drive.google.com/file/d/1Z0D25MUYcaAD5RB3orP4agrUoTWUiRGv/view?usp=share_link</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</a></p>		
2	JULY	<b>UNIT-II: Accounting process:</b>			
		<b>Recording of Business transactions:</b>  Voucher and Transactions:  Books of Original Entry- Journal	<p>Suggested activity:</p> <ol style="list-style-type: none"> <li>1. Preparation of Scrap file with different Vouchers</li> </ol> <p><a href="https://drive.google.com/file/d/1Jhq_nCnqPRrXofLGka41MiiVVLCyDWYS/view?usp=share_link">https://drive.google.com/file/d/1Jhq_nCnqPRrXofLGka41MiiVVLCyDWYS/view?usp=share_link</a></p> <ol style="list-style-type: none"> <li>2. Grouping students and ask them to identify the documents which are used for credit transaction</li> <li>3. Create a situation for fill up source documents especially from Banks</li> <li>4. Worksheets for journal</li> </ol>	Slip Test	

			<b>e-content:</b>  <a href="https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</a> (click video) Theory base accounting II  <a href="https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</a> (click VIDEO-Recording transactions II)	
3	AUGUST	<b>Recording of Business transactions (Contd.)-</b>  <i>Special Purpose books:</i> Cash Book • Purchases book • Sales book • Purchases return book • Sales return book • Journal proper--Ledger	1.Familiarisation of one sample Cashbook to the students 2.Comparitive study of different types of special purpose books 3.Role play on Debit side and Credit side  <b>e-content:</b>  <a href="https://docs.google.com/presentation/d/1dH2aikY7DixazGx26VWpK2N15ViSaULL/edit?usp=share_link&amp;ouid=109739681259010473543&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1dH2aikY7DixazGx26VWpK2N15ViSaULL/edit?usp=share_link&amp;ouid=109739681259010473543&amp;rtpof=true&amp;sd=true</a>  <a href="https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook">https://diksha.gov.in/play/collection/do_31310347535505817611436?contentType=TextBook</a>	Periodic Test 1
4	SEPTEMBER	<b>Bank Reconciliation Statement</b>	1.Familiarise the transactions of Pass book with the help of cheque book 2.Compare Cash book and Pass book 3.Ask the student groups to identify the chances of differences between two books 4. Skit on reasons ofdifference between cash book balanceand passbook balance  <b>e-content:</b>  <a href="https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAb_YySExiU/view?usp=share_link">https://drive.google.com/file/d/1D30KIRdfcyb4umww1eYoZiAb_YySExiU/view?usp=share_link</a>  <b>Suggested activity:</b> 1.Provide day to day life experiences-experimental learning	Slip Test

		<b>Depreciation, Provisions and Reserves.</b>	<p>2. Ask the students to find out expected value an old asset from their classroom for generating idea about book value, scrap value etc.</p> <p>3. Discussion about methods of valuation of various assets</p> <p><b>e-content:</b></p> <p><a href="https://drive.google.com/file/d/1gEUVcb9ZNjyE8Inf5TPwDmEuuj4ISeL1/view?usp=share_link">https://drive.google.com/file/d/1gEUVcb9ZNjyE8Inf5TPwDmEuuj4ISeL1/view?usp=share_link</a></p>	
5	OCTOBER	<b>Depreciation, Provisions and Reserves (contd.)</b>  <b>Trial Balance and Rectification of Errors</b>	<p><b>Question paper for revision:</b></p> <p><a href="https://drive.google.com/file/d/1DcI_SqDdMDgQRgQh_BL-mQKv6LBGsMrM/view?usp=share_link">https://drive.google.com/file/d/1DcI_SqDdMDgQRgQh_BL-mQKv6LBGsMrM/view?usp=share_link</a></p> <p>1. Group discussion</p> <p>2. Work sheets</p> <p>3. Problem solving</p> <p><b>e-content:</b></p> <p><a href="#">play-collection (diksha.gov.in)</a>VIDEO</p> <p><a href="#">play-collection (diksha.gov.in)</a></p> <p>(INTERACTIVE SESSION @ DIKSHA PORTAL)</p>	<b>Slip Test</b>
<b>PART-B</b> <b>FINANCIAL</b> <b>ACCOUNTING-II</b>				
		<b>UNIT-III Financial Statements of Sole Proprietorship</b>		
6	NOVEMBER	<b>Trial Balance and Rectification of Errors (contd.)</b>  <b>a) Financial Statements of Sole Proprietorship without adjustments</b>	<p><b>Suggested activity:</b></p> <p>1. Familiarise different items with the help of an original Financial Statement of a Sole proprietorship</p> <p>2. Handmade colorful cross wordpuzzles for identification of debit amount and credit amounts</p>	<b>Half Yearly Exam</b>

			<p>3. Problem solving</p> <p><b>e-content:</b></p> <p><a href="https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9_M6n/view?usp=share_link">https://drive.google.com/file/d/1wGDKqzXmHqmByfLLtVRThKUbfMk9_M6n/view?usp=share_link</a></p> <p><a href="https://drive.google.com/drive/folders/1dgXnkEEGUo3bMAaPBXAjqNaaUAAMDlpQ?usp=share_link">https://drive.google.com/drive/folders/1dgXnkEEGUo3bMAaPBXAjqNaaUAAMDlpQ?usp=share_link</a></p> <p><a href="https://docs.google.com/presentation/d/198YkRXLGXDgNrROOKiMjzbw-kd6NhY0s/edit?usp=share_link&amp;ouid=109739681259010473543&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/198YkRXLGXDgNrROOKiMjzbw-kd6NhY0s/edit?usp=share_link&amp;ouid=109739681259010473543&amp;rtpof=true&amp;sd=true</a></p>	
7	DECEMBER	b) Financial Statements of Sole Proprietorship with adjustments	<p><b>Suggested activity:</b></p> <p>1.Experiential learning</p> <p>2.Correlated learning-journal</p> <p>3.Problem solving</p> <p><b>e-content:</b></p> <p><a href="https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view?usp=share_link">https://drive.google.com/file/d/1J8pLdES39y9QL8MNa5ED3iGbOH4GjpIj/view?usp=share_link</a></p>	Slip Test
8	JANUARY	<p><b>Financial Statements of Sole Proprietorship with (adjustments) (contd.)</b></p> <p><b>Accounts from Incomplete Records</b></p>	<p>1.Discussion</p> <p>2.quizes</p> <p>3.Games like MIX &amp;MATCH OR drag the words into correct options(boxes)</p> <p><a href="https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtkual0GH9/view?usp=share_link">https://drive.google.com/file/d/1sbMX_7GAyHcmILs8y0kTYSNtkual0GH9/view?usp=share_link</a></p>	Periodic Test -II
9	FEBRUARY	<b>PART C: Project Work</b>	<p>(Runs through the Chapters as per CBSE guidelines)</p> <p><a href="https://drive.google.com/file/d/1SQ8nhSfW2BMGoEu7LjRkXO9dEBhK1McJ/view?usp=share_link">https://drive.google.com/file/d/1SQ8nhSfW2BMGoEu7LjRkXO9dEBhK1McJ/view?usp=share_link</a></p> <p><a href="1. INTERACTIVE STUDY MATERIAL CLASS-XI">1. INTERACTIVE STUDY MATERIAL CLASS-XI</a></p>	

			REVISION		
10	MARCH		<b><i>Session Ending Exam</i></b>	Suggested Question Paper Design: Page 8 <a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2025-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2025-25.pdf</a>	SEE 2025-26
		Additional links for references	SUPPORT MATERIAL	<a href="https://www.edudel.nic.in//welcome_folder/SupportMaterial2020_21/XI/english/11_accountancy_english_2020_21.pdf">https://www.edudel.nic.in//welcome_folder/SupportMaterial2020_21/XI/english/11_accountancy_english_2020_21.pdf</a>	

**CLASS XII****SUBJECT- ENGLISH CORE (301)**

<b>Sl. No</b>	<b>Month</b>	<b>Name of the Chapter/Topic to be covered</b>	<b>Teaching Aids/E-content/innovative practices</b>	<b>Test/examination to be conducted</b>
1	April-May 2025	Creative writing skills – Notice Writing The Last Lesson – Flamingo My Mother at Sixty-Six – Flamingo The Third Level – Vistas Reading Comprehension – Unseen Passages	<a href="https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116">https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31331094530749235213116</a>	Monthly Test
		Introduction to ALS Reading Comprehension (Case Based Passage)	<a href="https://learnenglish.britishcouncil.org/skills/listening">https://learnenglish.britishcouncil.org/skills/listening</a>	Listening exercises
2	June, 2025	Lost Spring – Flamingo Letter Writing Application for Jobs Project Work	<a href="https://www.downtoearth.org.in/blog/waste/a-day-in-a-ragpickers-slum-in-new-delhi-59106">https://www.downtoearth.org.in/blog/waste/a-day-in-a-ragpickers-slum-in-new-delhi-59106</a>	Monthly Test  Certain traditions and lineage, condemn thousands of children to a life of abject poverty and choke their aspirations. Suggest some ways to tackle this issue
3	July, 2025	Creative Writing Skills – Invitations and Replies Keeping Quiet – Flamingo The Tiger King – Vistas Deep Water – Flamingo Letter to Editor Reading Comprehension	<a href="https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31320411368873984015712">https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31320411368873984015712</a>  <a href="https://blog.nationalgeographic.org/2014/03/10/a-concise-history-of-tiger-hunting-in-india/#">https://blog.nationalgeographic.org/2014/03/10/a-concise-history-of-tiger-hunting-in-india/#</a>	Monthly Test  As mother, write a letter to the authorities of the YMCA Pool with reference to the case of your son Douglas.

4	August, 2025	24	Creative writing Skills – Article Writing A Thing of Beauty – Flamingo The Rattrap – Flamingo Journey to the End of the Earth – Vistas Creative Writing Skills – Report Writing Project Work	<a href="https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31312398555675033611271">https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_31312398555675033611271</a>	Monthly Test  Kindness does not always beget kindness, and that the conditions for receiving kindness are important for it to truly transform people. Elaborate.
5	September , 2025	22	Reading Comprehension Case Based Passages The Enemy – Vistas Indigo – Flamingo Poets and Pancakes – Flamingo A Roadside Stand – Flamingo	<a href="https://www.tokyoweekender.com/japan-life/news-and-opinion/yokohama-boy-scout-memorial/">https://www.tokyoweekender.com/japan-life/news-and-opinion/yokohama-boy-scout-memorial/</a>	Half Yearly  Write a speech addressing the students about the qualities that every leader and politician should nurture.
6	October, 2025	16	The Interview Aunt Jennifer's Tigers – Flamingo Going Places – Flamingo	<a href="https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123">https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123</a>	Draft a speech on ‘Ethics and Techniques of Interviewing’.
7	November , 2025	22	On the Face of It – Vistas Memories of Childhood – Vistas Reading Comprehension Revision and Class Tests – Writing Section	<a href="https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_3132238982773964801449">https://diksha.gov.in/play/collection/do_31310347537468620811440?contentId=do_3132238982773964801449</a>	Panel Discussion on ‘Oppression and Its Evils.’  <b>First Pre-Board</b>
8	December, 2025	18	Practice- Reading Comprehension Revision – Report writing, Articles, Letters ALS – Final Practice Revision of Lessons from Flamingo & Vistas	e - Comic Book 'The Fire and Murder Mystery' for Writing section  <a href="https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123">https://diksha.gov.in/play/collection/do_3132294648255365121250?contentId=do_313228692687855616123</a>	Completion of Project  <b>Second Pre-Board</b>
9	January, 2025	24	Study material Intensive Practice CBSE Sample Papers Practice Project-Work & ALS Submission of final draft of the Project for evaluation		Assessment of Projects/Viva-voce

10	February, 2025	22	Practice of CBSE Sample Papers & Remedial Classes for slow-boomers CBSE Final Practical	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf</a>	Revision Assessment of Projects/ALS/Viva voce as per CBSE guidelines
11	March, 2025		CBSE – Examination 2025 – 2025	Study Material	Revision

### **Reference Materials:**

Alternative academic calendar	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf</a>
Vistas	<a href="https://ciet.nic.in/pages.php?id=vistasxii&amp;ln=en">https://ciet.nic.in/pages.php?id=vistasxii&amp;ln=en</a>
Flamingo	<a href="https://ciet.nic.in/pages.php?id=flamingo&amp;ln=en">https://ciet.nic.in/pages.php?id=flamingo&amp;ln=en</a>
NCERT	<a href="https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?levt1=l-1">https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?levt1=l-1</a> <a href="https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?lefl1=l-1">https://epathshala.nic.in/wp-content/doc/book/flipbook/flipbook.htm?lefl1=l-1</a> <a href="https://youtube.com/playlist?list=PLUgLcpnv1YickF0A5GM3al3iRII-KR9">https://youtube.com/playlist?list=PLUgLcpnv1YickF0A5GM3al3iRII-KR9</a>
QUESTION BANK	
Interactive Study Material	



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

# **CLASS XII**

## CLASS XII

## SUBJECT- HINDI CORE (302)

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम आरोह भाग-2, वितान भाग-2, अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण / नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई	20	1. महादेवी वर्मा-भक्तिन 2. बाज़ार दर्शन -जैनेन्द्र कुमार 3. हरिवंशराय बच्चन-आत्म परिचय, दिन जल्दी-जल्दी ढलता है। 4. पतंग-आलोक धन्वा 5. अभिव्यक्ति और माध्यम पाठ 3 एवं 4	पी.पी.टी., गूगल फॉर्म प्रश्नोत्तरी भक्तिन <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915436367872001710">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915436367872001710</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915447580262401589">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915447580262401589</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915456373882881590">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915456373882881590</a> आत्म परिचय <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415806276403211459">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415806276403211459</a> एक गीत <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415946693017611460">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415946693017611460</a>	मासिक परीक्षा
			1. रचनात्मक लेखन	पी.पी.टी. गूगल फॉर्म प्रश्नोत्तरी बाज़ार दर्शन <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313100202296688641632">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313100202296688641632</a>	

			<p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131002036809728011122">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131002036809728011122</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313100205071974401633">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313100205071974401633</a></p> <p>पतंग</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31307754089163980817671">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31307754089163980817671</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313077542065324032111049">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313077542065324032111049</a></p>		
2.	जून	8	<p>1) धर्मवीर भारती-काले मेघा पानी दे</p> <p>2) कुंवर नारायण-कविता के बहाने, बात सीधी थी पर</p> <p>3) अभिव्यक्ति और माध्यम पाठ 5. विशेष लेखन स्वरूप और प्रकार</p> <p>4). अपठित बोध - गद्यांश</p> <p>5) रचनात्मक लेखन</p>	<p>पी.पी.टी..</p> <p>गूगल फॉर्मप्रश्नोतरी</p> <p>काले मेघा पानी दें</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418644022067211900">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418644022067211900</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418794915430411687">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418794915430411687</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418993310924811901">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418993310924811901</a></p> <p>कविता के बहाने बात सीधी थी पर</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388270540390412221">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388270540390412221</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388369021337611137">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388369021337611137</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308399730125209611050">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308399730125209611050</a></p>	मासिक परीक्षा
3.	जुलाई	25	<p>1. मनोहर श्याम जोशी सिल्वर वैडिंग</p> <p>2. फणीश्वर नाथ 'रेणु' - पहलवान की ढोलक</p> <p>3. रघुवीर सहाय - कैमरे में बंद अपाहिज ।</p> <p>4. कहानी का नाट्य रूपांतरण ।</p>	<p>पी.पी.टी...</p> <p>गूगल फॉर्मप्रश्नोतरी</p> <p>ई सामग्री सिल्वर वैडिंग</p> <p><a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918644838411217">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918644838411217</a></p> <p>पहलवान की ढोलक</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131002064679731211123">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131002064679731211123</a></p>	मासिक परीक्षा

				<p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002078549606411124">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002078549606411124</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100209270374401634">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100209270374401634</a></p> <p>कैमरे में बंद अपाहिज</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388651128422411652">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388651128422411652</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308389558676684812587">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308389558676684812587</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308390283341824011019">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308390283341824011019</a></p> <p>कैसे करें कहानी का नाट्य रूपांतरण</p> <p><a href="https://diksha.gov.in/play/content/do_31311182352493772811248">https://diksha.gov.in/play/content/do_31311182352493772811248</a></p>	
4.	अगस्त	24	<p>1. आनंद यादव-जूझा</p> <p>2. शमशेर बहादुर सिंह - उषा</p> <p>3. सूर्य कान्त त्रिपाठी निराला - बादल राग  </p> <p>4 फ़ीचर एवम आलेख लेखन  </p> <p>5. अपठित बोध गद्यांश  </p>	<p>पी.पी.टी.,</p> <p>गूगल फॉर्मप्रश्नोतरी</p> <p>जूझ ई सामग्री</p> <p><a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918731673611218">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918731673611218</a></p> <p>उषा</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902527523143681399">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902527523143681399</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902546109808641400">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902546109808641400</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902567215759361293">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902567215759361293</a></p>	मासिक परीक्षा
5.	सितंबर	22	<p>1. ओम थानवी-अतीत में दबे पाँव</p> <p>2. हजारी प्रसाद द्विवेदी - शिरीष के फूल  </p> <p>3. तुलसीदास-कवितावली, लक्ष्मण मूर्छा व राम विलाप  </p>	<p>पी.पी.टी..</p> <p>गूगल फॉर्मप्रश्नोतरी</p> <p>अतीत में दबे पाँव ई सामग्री</p> <p><a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918733312011219">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918733312011219</a></p> <p>हड्ड्या संकृति वीडियो</p> <p><a href="https://www.youtube.com/watch?v=obWgvA6L2HA">https://www.youtube.com/watch?v=obWgvA6L2HA</a></p> <p>शिरीष के फूल</p>	HALF YEARLY

		4. कैसे बनता है रेडियो नाटक	<p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095290823008256167">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095290823008256167</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095292722626560168">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095292722626560168</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095294293417984169">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095294293417984169</a></p> <p>कवितावली</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350476040601611037">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350476040601611037</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350594371584011140">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350594371584011140</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350731501568011496">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350731501568011496</a></p> <p>लक्ष्मण मूर्छा और राम का विलाप</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351019861606411640">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351019861606411640</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351116728729611040">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351116728729611040</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351201359462411141">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351201359462411141</a></p> <p>कैसे बनता है रेडियो नाटक</p> <p><a href="https://diksha.gov.in/play/content/do_31311226134369075211078">https://diksha.gov.in/play/content/do_31311226134369075211078</a></p>	
6.	अक्तूबर	16	<ol style="list-style-type: none"> <li>भीम राव अम्बेडकर-श्रम विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज  </li> <li>फ़िराक गोरखपुरी-रुबाइयाँ</li> <li>उमा शंकर जोशी-छोटा मेरा खेत, बगुलों के पंख</li> </ol> <p>पी.पी.टी. गूगल फॉर्मप्रश्नोतरी श्रम विभाजन और जाति प्रथा</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993583854059521844">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993583854059521844</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993591276257281508">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993591276257281508</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993599646515201846">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993599646515201846</a></p> <p>मेरी कल्पना का आदर्श समाज</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993605356093441847">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993605356093441847</a></p>	मासिक परीक्षा

			4. अप्रत्याशित विषयों पर रचनात्मक लेखन।	<a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993613566689281655">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993613566689281655</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993618722570241848">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993618722570241848</a> छोटा मेरा खेत चौकोना <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419210055680011434">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419210055680011434</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419349145190411730">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419349145190411730</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419499683020811475">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419499683020811475</a> बगुलों के पंख <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419622432768011689">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419622432768011689</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419712488243211435">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419712488243211435</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419786221158411436">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419786221158411436</a>	
7.	नवम्बर	22	1. कहानी का नाट्य रूपांतरण । 2. पत्रकारिता और जन संचार माध्यमों के लिए लेखन ।	पी.पी.टी..  यू ट्यू विडियो, गूगल फॉर्मप्रश्नोतरी कैसे करें कहानी का नाट्य रूपांतरण <a href="https://diksha.gov.in/play/content/do_31311182352493772811248">https://diksha.gov.in/play/content/do_31311182352493772811248</a>	प्रथम पूर्व बोर्ड परीक्षा
8.	दिसम्बर	18	छात्र सहायक सामग्री द्वारा अभ्यास कार्य पुनरावृति एवम् प्री-बोर्ड परीक्षाओं के लिए तैयारी।	छात्र सहायक सामग्री यू ट्यू विडियो, गूगल फॉर्म प्रश्नोतरी	द्वितीय पूर्व बोर्ड परीक्षा
9.	जनवरी 2025	24	सी बी एस ई द्वारा निर्देशित आदर्श प्रश्नपत्र का हल, पूर्व बोर्ड परीक्षा की गलतियों का सुधारकार्य, प्रत्येक छात्र की परीक्षा संबंधी समस्याओं के	प्रश्न पत्र हल संबंधी पी.पी.टी., यू ट्यू विडियो, वेब लिंक्स	श्रवण तथा वचन मूल्यांकन परियोजना

		निवारण हेतु प्रयत्न   आतंरिक मूल्यांकन हेतु निर्धारित परियोजना का समर्पण एवं मौखिक का आयोजन	कार्य मूल्यांकन
10.	फरवरी	22 बार बार अभ्यास कार्य, मंदग्राही छात्रों के लिए विशेष उपचार कार्य	छात्र सहायक सामग्री

## Useful E-resources

आरोह भाग-2 on DIKSHA.	<a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347536844390411082?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>
Audio Books आरोह भाग 2	<a href="https://ciet.nic.in/pages.php?id=aaroh-ii&amp;ln=en">https://ciet.nic.in/pages.php?id=aaroh-ii&amp;ln=en</a>
Audio Books वितान भाग 2	<a href="https://ciet.nic.in/pages.php?id=vitaan-ii&amp;ln=en">https://ciet.nic.in/pages.php?id=vitaan-ii&amp;ln=en</a>
हिन्दी शब्द सिम्यु	<a href="https://hindishabdsindhu.rajbhasha.gov.in/">https://hindishabdsindhu.rajbhasha.gov.in/</a>
Alternative calendar	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf</a>

**CLASS XII****SUBJECT- MATHEMATICS (041)**

<b>Sl. No.</b>	<b>Month</b>	<b>No of Working Days</b>	<b>Name of the Chapter/Topic to be covered</b>	<b>Teaching Aids/E-content/innovative practices</b>	<b>Test/examination to be conducted</b>
1	April & May, 2025	20	Relation and Functions, Inverse Trigonometric functions, Matrices	Use of Graph , <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap201.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap201.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap202.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap202.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap203.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap203.pdf</a>	Monthly Test
				Use of PPT, MATRICES	Class test /Slip test
2	June, 2025	8	Determinants	Practice Through Worksheets and PPT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap204.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap204.pdf</a>	Monthly Test
3	July, 2025	25	Limits and Derivatives Application of Derivatives	Practice Through Worksheets and use of Graph <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap205.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap205.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap206.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap206.pdf</a>	Periodic Test - 1
4	August, 2025	24	Integrals and Application of Integrals	Use of Mind Map and Worksheets <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap207.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap207.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap208.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap208.pdf</a>	Monthly Test
5	September, 2025	22	Differential Equations and Vector Algebra	Use of 3-D space with using Internet <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap209.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap209.pdf</a>	Half Yearly Examination/ Periodic Test - 2

				<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep210.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep210.pdf</a>	
6	October, 2025	16	3-D Geometry and LPP	Use of Graph <a href="https://docs.google.com/presentation/d/1T7roF2hw3Hm-mlODDDPS0eML1jpYONG7/edit?usp=sharing&amp;ouid=107923585722659418500&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1T7roF2hw3Hm-mlODDDPS0eML1jpYONG7/edit?usp=sharing&amp;ouid=107923585722659418500&amp;rtpof=true&amp;sd=true</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep211.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep211.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep212.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep212.pdf</a>	Periodic Test - 3
7	November, 2025	22	Probability	Data collection with involvement of class <a href="https://docs.google.com/presentation/d/1IRDgPxMZycrhxbJQWi_KIWKwP5YtgQ7d/edit?usp=sharing&amp;ouid=107923585722659418500&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1IRDgPxMZycrhxbJQWi_KIWKwP5YtgQ7d/edit?usp=sharing&amp;ouid=107923585722659418500&amp;rtpof=true&amp;sd=true</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep213.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leep213.pdf</a>	Pre Board - 1
8	December, 2025	18	REVISION	<a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-SQP.pdf</a> <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-MS.pdf</a>	Pre Board 2
9	January, 2025	24	REVISION	<a href="https://homeworksonline.files.wordpress.com/2022/10/math-12.pdf?force_download=true">https://homeworksonline.files.wordpress.com/2022/10/math-12.pdf?force_download=true</a>	Revision/ Pre Board – 3/Board Practical examination
10	February, 2025	22	REVISION	<a href="https://kumarsir34.files.wordpress.com/2022/12/mll-study-materials-maths-class-xii-2022-23.pdf">https://kumarsir34.files.wordpress.com/2022/12/mll-study-materials-maths-class-xii-2022-23.pdf</a>	Revision/ CBSE Board Examination
11	March, 2025			CBSE Board Examination	

## CLASS XII

## SUBJECT- PHYSICS (042)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/ examination to be conducted
1	April & May 2025	20	UNIT-1: Electrostatics (26 periods) <ul style="list-style-type: none"> <li>• Chapter-1: Electric Charges and Fields</li> <li>• Chapter-2: Electrostatic Potential and Capacitance</li> </ul> <p><b><u>SECTION-A</u></b></p> <ul style="list-style-type: none"> <li>• EXPERIMENT-1</li> <li>• EXPERIMENT-2</li> </ul> <p><b><u>SECTION-A</u></b></p> ACTIVITY-1	<a href="https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test /Monthly test (Chapter wise/ Topic wise)
			UNIT-1: Electrostatics cont... <ul style="list-style-type: none"> <li>• Chapter-1: Electric Charges and Fields</li> <li>• Chapter-2: Electrostatic Potential and Capacitance</li> </ul>	<a href="https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="http://physics.bu.edu/~duffy/semester2/d03_shielding.html">http://physics.bu.edu/~duffy/semester2/d03_shielding.html</a>  <a href="http://physics.bu.edu/~duffy/semester2/c01_magnitude.html">http://physics.bu.edu/~duffy/semester2/c01_magnitude.html</a>	Holiday Home works to be given.  Investigatory project to be allotted to students.
2	June, 2025	08	Unit II: Current Electricity (18 periods) <ul style="list-style-type: none"> <li>• Chapter-3: Current Electricity</li> </ul> <p><b><u>SECTION-A</u></b></p> <ul style="list-style-type: none"> <li>• EXPERIMENT-3</li> </ul> <p><b><u>SECTION-A</u></b></p>	<a href="https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test -Chapter wise/ Topic wise

			<ul style="list-style-type: none"> <li>• ACTIVITY- 2</li> </ul>	<a href="http://physics.bu.edu/~duffy/semester2/c09_current.html">http://physics.bu.edu/~duffy/semester2/c09_current.html</a>  <a href="http://physics.bu.edu/~duffy/semester2/c11_kirchoff.html">http://physics.bu.edu/~duffy/semester2/c11_kirchoff.html</a>  <a href="https://amrita.olabs.edu.in/?sub=1&amp;brc_h=6&amp;sim=22&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brc_h=6&amp;sim=22&amp;cnt=1</a>	
3	July, 2025	25	Unit III: Magnetic Effects of Current and Magnetism (25 periods) <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter-4: Moving Charges and Magnetism</li> <li><input type="checkbox"/> Chapter-5: Magnetism and Matter</li> </ul> <p><b><u>SECTION-A</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> EXPERIMENT-4</li> </ul> <p><b><u>SECTION-A</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ACTIVITY- 3</li> </ul>	<a href="https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="http://physics.bu.edu/~duffy/semester2/c14_forcewires.html">http://physics.bu.edu/~duffy/semester2/c14_forcewires.html</a>	Class Test /Monthly test (Chapter wise/ Topic wise)
4	August, 2025	24	Unit IV: Electromagnetic Induction and Alternating Currents (24 periods) <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter-6: Electromagnetic Induction</li> <li><input type="checkbox"/> Chapter-7: Alternating Current</li> </ul> <p><b><u>SECTION-B</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> EXPERIMENT-1</li> <li><input type="checkbox"/> EXPERIMENT-2</li> </ul> <p><b><u>SECTION-B</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ACTIVITY – 1</li> </ul> Unit V: Electromagnetic waves (4 periods) <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter-8: Electromagnetic Waves</li> </ul>	<a href="https://diksha.gov.in/play/content/do_431340726144235929612036?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144235929612036?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test /Monthly test (Chapter wise/ Topic wise)

5	September, 2025	22	<p>Unit VI: Optics (Total 30 periods )          ( Ray optics – 20, Wave optics – 10)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter–9: Ray Optics and Optical Instruments ( 20 periods)</li> <li><input type="checkbox"/> Chapter–10: Wave Optics (10 periods)</li> </ul> <p><b><u>SECTION-B</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> EXPERIMENT-3</li> </ul> <p><b><u>SECTION-B</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> ACTIVITY- 2</li> </ul>	<p><a href="https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c24_refraction.html">http://physics.bu.edu/~duffy/semester2/c24_refraction.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c28_lenses.html">http://physics.bu.edu/~duffy/semester2/c28_lenses.html</a></p>	Mid-term exam / Half -yearly exam
6	October, 2025	16	<ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter–10: Wave Optics <b>contd.,</b></li> </ul> <p>Unit VII: Dual Nature of Radiation and Matter (8 periods)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter–11: Dual Nature of Radiation and Matter</li> </ul> <p><b><u>SECTION-B</u></b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> EXPERIMENT-4</li> <li><input type="checkbox"/> ACTIVITY-3</li> </ul> <p>Unit VIII: Atoms and Nuclei (15 periods)</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Chapter–12: Atoms (7 periods)</li> </ul>	<p><a href="https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c25_intensity_doublesource.html">http://physics.bu.edu/~duffy/semester2/c25_intensity_doublesource.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html">http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html">http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html</a></p> <p>Choice of experiments &amp; activities may vary according to individual Physics Department of the Vidyalaya. As per CBSE, 4 experiments and 3 activities are to be performed from each section.          Total 8 experiments and 6 activities are to be recorded.</p>	Class Test / Monthly Test (Chapter wise/ Topic wise)

7	November, 2025	22	<p><input type="checkbox"/> Chapter–13: Nuclei (8 periods)</p> <p>Unit IX: Electronic Devices (10 periods)</p> <p><input type="checkbox"/> Chapter–14: Semiconductor electronics: Materials, devices and simple circuits</p> <p><b>REVISION FOR FIRST PRE-BOARD</b></p>	<p><a href="https://diksha.gov.in/play/content/do_43134313243616296961677?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134313243616296961677?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_43134313243616624641680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134313243616624641680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c37_energylevels.html">http://physics.bu.edu/~duffy/semester2/c37_energylevels.html</a></p> <p>Teachers to refer CBSE syllabus for theory and Practical.</p>	Syllabus completion  Revision  Pre -Board Exam-1
8	December, 2025	18	<b>Revision Work and Remedial classes.</b>		Revision
9	January, 2025	24	<b>Remedial classes, Pre Board Examinations-2 Pre Board Practical Examination</b>	Revision of the topics in which students need more practice or having low performance	Revision Pre -Board Exam-2
10	February, 2025	22	<b>Practical Examination , Remedial classes</b>	Revision of the topics in which students need more practice or having low performance	Revision
11	March, 2025			CBSE – Examination 2025	

## CLASS XII

## SUBJECT- CHEMISTRY (043)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2025	20	<p><b>1. SOLUTIONS:( 7 Marks)</b> Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p> <p><b>2. ELECTROCHEMISTRY:( 9 Marks)</b> Redox reactions, EMF of a cell, Standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic Cells, lead accumulator, fuel cells, corrosion.</p>	<p>1. Small classroom activities to explain the meaning of solute, solvent &amp; solutions and also identification of solutes and solvents of some solutions given.</p> <p>2. Correlation between the osmosis and transport mechanism of ions in plants and animals (Interdisciplinary study)</p> <p>3. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf</a></p> <p><b>PRACTICALS</b></p> <p>1. Determination of molarity of KMnO<sub>4</sub> solution by titrating it against a standard solution of:          (a) Oxalic acid, (b) Ferrous Ammonium Sulphate          (Students will be required to prepare standard solutions by weighing themselves).</p> <p>1. Determination of resistance of a conductor using meter bridge ( Interdisciplinary concept)  <a href="https://youtu.be/JTvvP7HrMxU">https://youtu.be/JTvvP7HrMxU</a> - Meity Olabs</p> <p>2. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf</a></p> <p><b>3. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_31309085675_73053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31309085675_73053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	MONTHLY TEST 1

				<b>PRACTICALS</b> 1. Experimental set up of Daniel cell.  2. To study variation of cell <b>Potential</b> $Zn/Zn^{2+}/Cu^{2+}/Cu$ with changes with concentration of electrolytes	
2	June, 2025	8	<b>3.CHEMICAL KINETICS (7 Marks)</b>  Rate of a reaction (Average and instantaneous rate), factors affecting rate of reaction concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.	1. Concept of integration and derivation of integral rate expression (inter disciplinary approach of Mathematics and chemistry)  2. Concept of probability and collision theory on rate of reaction (inter disciplinary approach of Mathematics and chemistry)  3. Exemplar problems NCERT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</a>	MONTHLY TEST 2
3	July, 2025	25	<b>4. d and f Block Elements:( 7 Marks)</b>  General introduction,  Electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first- row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$ . Lanthanoids – Electronic configuration, oxidation states,	1. Use of periodic table to explain position of d and f block elements.  2. Comparative study of lanthanoids and actinoids 3. Mind maps of chemical reactions of $KMnO_4$ and $K_2Cr_2O_7$  4. Exemplar problems NCERT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep504.pdf</a>	MONTHLY TEST 3

			<p>chemical reactivity and lanthanoid contraction and its consequences.</p> <p>Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> <p><b>5. Coordination Compounds (7 Marks)</b></p> <p>Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, the importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p>	<p>Determination of one anion and one cation in a given salt. Cation: <math>\text{Pb}^{2+}</math>, <math>\text{Cu}^{2+}</math>, <math>\text{As}^{3+}</math>, <math>\text{Al}^{3+}</math>, <math>\text{Fe}^{3+}</math>, <math>\text{Mn}^{2+}</math>, <math>\text{Zn}^{2+}</math>, <math>\text{Ni}^{2+}</math>, <math>\text{Ca}^{2+}</math>, <math>\text{Sr}^{2+}</math>, <math>\text{Ba}^{2+}</math>, <math>\text{Mg}^{2+}</math>, <math>\text{NH}_4^+</math></p> <p>Anions: <math>\text{CO}_3^{2-}</math>, <math>\text{S}^{2-}</math>, <math>\text{SO}_3^{2-}</math>, <math>\text{NO}_2^{-}</math>, <math>\text{SO}_4^{2-}</math>, <math>\text{Cl}^-</math>, <math>\text{Br}^-</math>, <math>\text{I}^-</math>, <math>\text{PO}_4^{3-}</math>, <math>\text{C}_2\text{O}_4^{2-}</math>, <math>\text{CH}_3\text{COO}^-</math>, <math>\text{NO}_3^-</math> (Note: Insoluble salts excluded)</p>	
4	August, 2025	24	<p><b>6. HALOALKANES AND HALOARENES: (6 Marks)</b></p> <p>Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.</p> <p>Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p> <p><b>7. ALCOHOLS, PHENOLS AND ETHERS : (6 Marks)</b></p> <p>Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols,</p>	<p>1. Mind maps of organic reactions</p> <p>2. Exemplar problems NCERT</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep509.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep509.pdf</a></p>	<p>PERIODIC/CUMULATIVE TEST 1</p>

			<p>mechanism of dehydration, uses with special reference to methanol and ethanol.</p> <p>Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols</p> <p>Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p>	<p>3. Reactions of phenol, preparation and physical properties of ether  <a href="https://diksha.gov.in/play/content/do_31347577187237068811554?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577187237068811554?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Chemical properties of Alcohols  <a href="https://diksha.gov.in/play/content/do_3134757718354575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134757718354575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>5. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep511.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep511.pdf</a></p> <p><b>6. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_313076023111417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_313076023111417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICALS</b></p> <p>1. Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, groups.  <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=141&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=141&amp;cnt=1</a></p> <p>oLab</p>	
5	September, 2025	22	<p><b>8.ALDEHYDES, KETONES AND CARBOXYLIC ACIDS : (8 Marks)</b></p> <p>Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, Uses.</p>	<p>1. Mind maps of organic reactions</p> <p>2. Demonstration of some chemical properties of carboxylic acids  <a href="https://youtu.be/di4pMJciJ_Y">https://youtu.be/di4pMJciJ_Y</a></p> <p>ePathasala</p>	PERIODIC/CUMULATIVE TEST 2

			<p>Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p>	<p>3. Nucleophilic addition reactions, oxidation and reduction of aldehydes and ketones  <a href="https://diksha.gov.in/play/content/do_31347577194618880011556?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577194618880011556?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Test for aldehydes  <a href="https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>5. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep512.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep512.pdf</a></p> <p><b>6. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICALS</b></p> <p>1. Tests for the functional groups present in organic compounds: aldehydic, ketonic, groups and carboxylic acid group.  Tests to distinguish between pair of compounds like  a) phenol and carboxylic acids b) aldehydes and ketones</p>	
6	October, 2025	16	<p><b>9. AMINES: (6 Marks)</b></p> <p>Nomenclature, classification, structure, methods of preparation, <b>Physical and Chemical properties, uses</b> and Identification of Primary, Secondary and Tertiary Amines</p>	<p>1. Mind maps for understanding of reactions.</p> <p>2. Structure, Classification, Nomenclature and Preparation of Amines  <a href="https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	MONTHLY TEST 4

			Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.	<p>3. Preparation of diazonium salts  <a href="https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep513.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep513.pdf</a></p> <p><b>5. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICAL</b></p> <p>1. Chromatography: Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of Rf values.  <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=133&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=133&amp;cnt=1</a></p>	
7	November, 2025	22	<p><b>10. BIOMOLECULES (7Marks)</b></p> <p><b>Carbohydrates</b> Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides(starch, cellulose, glycogen);Importance of carbohydrates.</p> <p><b>Proteins</b> -Elementary idea of amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins;</p> <p><b>enzymes. Hormones</b> - Elementary idea excluding structure.</p>	<p>1. PPT on structure and reactions of glucose</p> <p>2. Monosaccharide: Glucose  <a href="https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>3. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep514.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep514.pdf</a></p> <p><b>4. CCT QUESTIONS</b>  <a href="https://cbseacademic.nic.in//qbclass12.html">https://cbseacademic.nic.in//qbclass12.html</a></p> <p><b>PRACTCALS</b></p>	<b>Pre Board 1</b>

			<b>Vitamins</b> - Classification and functions. Nucleic Acids: DNA and RNA.	1. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs. <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=140&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=140&amp;cnt=1</a>	
8	December, 2025	18	REVISION	<b>Investigatory Project</b>	<b>Pre Board 2</b>
9	January, 2025	24	REVISION		Pre Board 3 (Optional) Model Practical exam
10	February, 2025	22	REVISION	PRACTICALS	<b>PRACTICAL EXAMS FOLLOWED BY BOARD EXAMS</b>
11	March, 2025			<b>CBSE – Examination 2025 – 2025</b>	

## CLASS XII

## SUBJECT- BIOLOGY (044)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May 2025	20	<p><b>Unit-VI: Reproduction</b></p> <p><b>Chapter-2: Sexual Reproduction in Flowering Plants</b></p> <p>Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.</p> <p><b>Chapter-3: Human Reproduction</b></p> <p>Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).</p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Art Integrated learning,, Videos, Mind maps</p> <p><a href="https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308792099179724813145">https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308792099179724813145</a></p>	Monthly Test
			<p><b>Chapter-4: Reproductive Health</b></p> <p>Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods.</p> <p>Contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and</p>	<a href="https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly test

			assisted reproductive technologies - IVF, ZIFT,GIFT (elementary idea for general awareness).		
2	June, 2025	8	<p><b>Unit-VII: Genetics and Evolution</b></p> <p><b>Chapter-5: Principles of Inheritance and Variation</b></p> <p><b>Heredity and Variation:</b> Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.</p>	<p>Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom-LAB interaction under Project JIGYASA</p> <p>You tube link:  <a href="https://diksha.gov.in/play/content/do_313_07171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content">https://diksha.gov.in/play/content/do_313_07171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content</a></p>	Monthly Test
3	July, 2025	25	<p><b>Unit-VII: Genetics and Evolution</b></p> <p><b>Chapter-6: Molecular Basis of Inheritance</b></p> <p>Search for genetic material and DNA as genetic material;Structure of DNA and RNA;DNA Packaging;DNA replication; central Dogma, transcription, genetic code, translation,gene expression and regulation,lac Operon; Genome, Human and Rice genome projects; DNA fingerprinting.</p> <p><b>Chapter- 7: Evolution</b></p> <p>Origin of life; biological evolution and evidences for biological evolution (Paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation</p>	<p>Videos.  <a href="https://diksha.gov.in/play/content/do_313_1148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content">https://diksha.gov.in/play/content/do_313_1148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_312_74793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content">https://diksha.gov.in/play/content/do_312_74793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dsare_content</a></p>	Monthly Test

			(mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution.		
4	August, 2025	24	<p><b>Unit-VIII: Biology and Human Welfare</b></p> <p><b>Chapter-8: Human Health and Diseases</b></p> <p>Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse</p> <p><b>Chapter-10: Microbes in Human Welfare</b></p> <p>Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.</p> <p><b>Unit-IX: Biotechnology and its Applications</b></p> <p><b>Chapter-11: Biotechnology - Principles and Processes</b></p> <p>Genetic Engineering (Recombinant DNA Technology).</p>	<p>Videos, Field Trips/ Educational tour to nearby places</p> <p><a href="https://diksha.gov.in/play/content/do_313_07092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_313_07092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_313_0709303286251521927?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_313_0709303286251521927?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_313_61811898909491211169?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_313_61811898909491211169?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	Monthly Test
5	September, 2025	22	<p><b>Chapter-12: Biotechnology and its Applications</b></p> <p>Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.</p> <p><b>Unit-X: Ecology and Environment</b></p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Power Point Presentation, Videos.</p> <p><a href="https://diksha.gov.in/play/content/do_313_28291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_313_28291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	Half Yearly Exam

			<b>Chapter-13: Organisms and Populations</b> Population interactions - mutualism, competition, predation, parasitism; population attributes - growth,birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)	<a href="https://diksha.gov.in/play/content/do_31347577388331827211602?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577388331827211602?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	
6	October, 2025	16	<b>Chapter-14: Ecosystem</b> <b>Ecosystems:</b> Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles)	<a href="https://diksha.gov.in/play/content/do_431340651786856038411092?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340651786856038411092?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly Test
7	November, 2025	22	<b>Chapter-15: Biodiversity and its Conservation</b> Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites 2. Review and Reteaching of difficult content/ Concepts. Need based teaching	<a href="https://diksha.gov.in/play/content/do_3133862533151948815527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3133862533151948815527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	I PRE -BOARD EXAM
8	December, 2025	18	1. Error Analysis and Remediation based on PB 1 performance	<a href="https://cbseacademic.nic.in/Biology_SrSec_2025-25.pdf">Biology SrSec 2025-25.pdf (cbseacademic.nic.in)</a>	II PRE -BOARD EXAM
9	January, 2025	24	1. Revision	Remediation based on performance in PB exams.	
10	February , 2025	22	1. Revision 2. Board Practical Examination		CBSE Practical Examination
11	March, 2025				CBSE – Examination 2025 – 2025

## CLASS XII

## SUBJECT- INFORMATICS PRACTICE (065)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2025	20	<p>Revision of List, Dictionary</p> <p><b>Data Handling using Pandas -I</b></p> <p>Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and data frames.</p> <p><b>Series:</b> Creation of series from ndarray, dictionary, scalar value; mathematical operations; series attributes, head and tail functions; selection, indexing and slicing.</p>		Class Test /Monthly Test
2	June-July	33	<p><b>Data Frames:</b> creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames.</p> <p><b>Data Visualization</b></p> <p>Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.</p>		Class Test /Monthly Test
3	August	24	<p><b>Database Query using SQL</b></p> <p>Revision of database concepts and SQL commands covered in class XI:</p> <p>Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE</p>		Class Test /Monthly Test
4	September	22	<p><b>Unit 2: Database Query using SQL</b></p> <p>Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/ UPPER (), LCASE ()/</p>		HALF YEARLY EXAM

			LOWER (), MID ()/ SUBSTRING () /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join		
5	October	16	<p><b>Unit 3: Introduction to Computer Networks</b></p> <p>Introduction to networks, Types of networks: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh.</p> <p>Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.</p>		Class Test /Monthly Test
6	November	22	<p>Unit 4: Societal Impacts</p> <p>Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open-source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.</p> <p><b>Comprehensive Revision</b></p>		<b>Pre-Board 1</b>
7	December	18	<b>Comprehensive Revision, Project Completion</b>		<b>Pre-Board 2</b>
8	January 2025	24	<b>Comprehensive Revision</b>		CBSE Practicals
9	February	22	<b>Comprehensive Revision, AISSCE Practical Examination</b>		
12	March	CBSE – Examination 2025 – 2025			
CBSE curriculum 2025-26 – Class XII Informatics Practices			<a href="https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2025-25.pdf">https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2025-25.pdf</a>		
NCERT Text Book: (Rationalised Content)			<a href="https://ncert.nic.in/textbook.php?leip1=0-7">https://ncert.nic.in/textbook.php?leip1=0-7</a>		
Question Bank			<a href="https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>		

## CLASS XII

## SUBJECT- COMPUTER SCIENCE (083)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2025	20	<p><b>Unit I: Computational Thinking and Programming – 2</b></p> <ul style="list-style-type: none"> <li>Revision of Python topics covered in Class XI. (Introduction, conditional statements, iteration, String, List, Tuple, Dictionary, random module)</li> </ul>		Class Test /Monthly Test
2	June-July	33	<ul style="list-style-type: none"> <li><b>Functions:</b> types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)</li> <li><b>Exception Handling:</b> Introduction, handling exceptions using try-except-finally blocks</li> <li>Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths</li> <li><b>Text file:</b> opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file</li> </ul>		Class Test /Monthly Test
3	August	24	<ul style="list-style-type: none"> <li><b>Binary file:</b> basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file</li> </ul>		Class Test /Monthly Test

			<ul style="list-style-type: none"> <li>• <b>CSV file:</b> import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader( )</li> <li>• implementation of stack using list. Introduction to queue, operations on queue (enqueue, dequeue, is empty, peek, is full), implementation of queue using list.</li> </ul>		
4	September	22	<p>Unit II: Computer Networks</p> <ul style="list-style-type: none"> <li>• Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)</li> <li>• Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)</li> <li>• Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)</li> <li>• Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)</li> <li>• Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)</li> <li>• Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP, wireless/mobile communication protocol such as GSM, GPRS and WLL</li> <li>• Mobile telecommunication technologies: 1G, 2G, 3G, 4G and 5G</li> <li>• Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting</li> </ul> <p><b>Unit III: Database Management</b></p> <ul style="list-style-type: none"> <li>• Database concepts: introduction to database concepts and its need</li> <li>• Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</li> <li>• Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete</li> </ul>		Class Test /Monthly Test

5	October	16	Select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join		HALF YEARLY
6	November	22	• <b>Interface of python with an SQL database:</b> connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications		Pre-Board 1
7	December	18	<b>Comprehensive Revision, Project Completion</b>		Pre Board II
8	January 2025	24	<b>Comprehensive Revision</b>		PRACTICALS
9	February	22	<b>Comprehensive Revision, AISSCE Practical Examination</b>		
12	March	CBSE – Examination 2025 – 2025			
CBSE curriculum 2025-26 – Class XII Computer Science			<a href="https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf">https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf</a>		
CBSE Text Book:			<a href="https://cbseacademic.nic.in//web_material/doc/cs/2_Computer_Science_Python_ClassXII.pdf">https://cbseacademic.nic.in//web_material/doc/cs/2_Computer_Science_Python_ClassXII.pdf</a>		
NCERT Text Book: (Rationalised Content)			<a href="https://ncert.nic.in/textbook.php?lecs1=ps-13">https://ncert.nic.in/textbook.php?lecs1=ps-13</a>		
Question Bank			<a href="https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>		

## CLASS XII

## SUBJECT- GEOGRAPHY (029)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/ Innovative practices	Test/examination to be conducted
1	April-May 2025	20	<b>Fundamentals of Human Geography</b> 1. Human Geography : Nature and scope 2. The World Population - distribution, density and growth  <b>India : People and Economy</b> 1. Population Distribution Density Growth and Composition  Practical Geography 1. Data-its source and Compilation	<ul style="list-style-type: none"> <li>Preparation of concept map of the chapter explaining the following: Definition of Human Geography, nature, scope, schools of thought, and branches of Human Geography.</li> <li>‘Both physical and human phenomena are described in metaphors using symbols from the human anatomy’. Collect such terms and expressions from your own language.</li> <li>Case Study on determinism and possibilism given in the text book to explain the concept</li> <li>Mark the ten most populous countries on the world map</li> <li>Draw a bar diagram showing the population of ten most populous countries using the latest data from live population counter.</li> <li>Consulting a geography dictionary – terms related to population-Birth rate, Death Rate, Migration, sex ratio-  <a href="https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf">https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf</a> </li> <li><u>CCT questions based on Fig 2.2 – Demographic Transition theory</u></li> <li>Has someone in your family migrated? Write about her/his place of destination. What made her/him migrate?</li> <li>Students can be asked to find out the density of population of their respective state/district/city.</li> <li>Learners to use School Bhuvan NCERT Web portal to observe thematic maps e.g. the relief map of India and maps showing population density-  <a href="https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/">https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/</a> </li> <li>World Population and its elements- Comic Book  <a href="https://diksha.gov.in/play/collection/do_31321952149309849612945?contentId=do_31321903669325824012150">https://diksha.gov.in/play/collection/do_31321952149309849612945?contentId=do_31321903669325824012150</a> </li> <li>Graphical representation of population growth phases of India.</li> <li>Learners may be encouraged to consult Census of India website -  <a href="https://censusindia.gov.in">https://censusindia.gov.in</a> </li> <li>Prepare a choropleth map showing the state wise density of population of India.</li> <li>Prepare a dot map showing the distribution of India’s Population</li> </ul>	Monthly test

2	June, 2025	08	<b>Fundamentals of Human Geography</b> 3. Human Development 4. Primary Activities	<ul style="list-style-type: none"> <li>On a India map show State with highest population density &amp; state with lowest population density (2011)</li> <li>Enacting a play to show how choices get limited due to lack of capability in areas of income, health care and education.</li> <li>Interview a lady vegetable vendor, cobbler and a sweeper in the community and note how their opportunities were limited because of gender, caste and income.</li> <li>Cartoon(given in the textbook) Analysis- What is meaningful life?</li> <li>The Government of India has introduced Beti Bachao Beti Padhao programme to address the issue of decline in child sex ratio. Discuss with your peers how it will lead to more meaningful life for girls-  <a href="https://wcd.nic.in/bbbp-schemes">https://wcd.nic.in/bbbp-schemes</a> </li> <li>Mark the country with the highest and lowest human development index as per the latest human development report  <a href="https://hdr.undp.org/data-center/human-development-index#/indicies/HDI">https://hdr.undp.org/data-center/human-development-index#/indicies/HDI</a> </li> <li>Brain Storming- India was 126th in Human Development Index as per Human Development Report, 2006. According to HDI report 2020, India's rank has further gone down to 131. What could be the reason for India to be behind 130 countries in HDI?</li> <li>Make a list of the ten most corrupt countries and ten least corrupt countries. Compare their scores on the human development index. What inferences can you draw?</li> <li>Class discussion about human activities practiced by human which are influenced by geographical conditions.</li> <li>Prepare a concept map showing the characteristics of different types of farming</li> <li>On a world map show Areas of subsistence gathering (Fig 4.2) • Major areas of nomadic herding of the world (4.4) • Major areas of commercial livestock rearing (4.6) • Major areas of extensive commercial grain farming (4.12) Major areas of mixed farming of the World (4.14)</li> </ul>	Monthly Test
3	July, 2025	25	<b>India People and Economy</b> 2. Human Settlements 3. Land Resources and Agriculture 4. Water Resources	<ul style="list-style-type: none"> <li>Connecting chapter with Bhuvan Map by ISRO <a href="https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/">https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/</a></li> <li>Human settlement- e comic book  <a href="https://diksha.gov.in/play/collection/do_3132247024243998721589?contentId=do_3132245109099806721283">https://diksha.gov.in/play/collection/do_3132245109099806721283</a> </li> </ul>	Monthly test

			<b>Practical Geography</b> 2. Data Processing	<ul style="list-style-type: none"> <li>The students will prepare a line graph to show the growth of urban population in India since 1901.</li> <li>The students will mark and label the million plus cities of all the states on a political map of India.</li> <li>Tabular depiction of different crops, required condition for growing and their distribution.</li> <li>The students will prepare pie graphs to show the land use categories in 1950-51 and 1914-15.</li> <li>On a India Map show Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee</li> <li>Students may be asked to suggest different methods of water conservation by using modern technology.</li> <li>Case Study Ralegaon Siddhi <a href="https://youtu.be/5nq8wcDyrYQ">https://youtu.be/5nq8wcDyrYQ</a></li> <li>Watershed development- Arvary Pani Sansad <a href="https://www.youtube.com/watch?v=N-qlyXE8KFc">https://www.youtube.com/watch?v=N-qlyXE8KFc</a></li> <li>Calculate Mean, Median and Mode using direct and indirect method</li> </ul>	
4	August, 2025	24	<b>Fundamentals of Human Geography</b> <p>5. Secondary activities 6. Tertiary and Quaternary Activities</p> <p><b>India People and Economy</b> 5. Mineral And Energy Resources 6. Planning and Sustainable Development in Indian Context</p>	<ul style="list-style-type: none"> <li>The students can be asked to prepare a sketch, poster, poem or write-up about the environmental conditions surrounding an industry.</li> <li>The students can be taken out for a visit to local industry and asked to prepare a report on their observations regarding raw material used, finished product, production process, labour inputs, environmental impact and social responsibility.</li> <li>Agri business- <a href="https://www.investopedia.com/terms/a/agribusiness.asp">https://www.investopedia.com/terms/a/agribusiness.asp</a></li> <li>Prepare a flow chart showing the types of industries on various basis</li> <li>Make a list of departmental stores and chain stores that you visit regularly</li> <li>Class discussion on: How convenient and beneficial is the fast-growing service sector in the world.</li> <li>Outsourcing - <a href="https://www.investopedia.com/terms/o/outsourcing.asp">https://www.investopedia.com/terms/o/outsourcing.asp</a></li> <li>Prepare a table to present the spatial pattern of the following minerals under the given headings: (Properties, Total Reserves, Distribution, Mines)</li> <li>Prepare a presentation on the topic ‘Agencies Involved in Mining in India’</li> <li>A debate may be organized on topic “ Limit to growth”</li> </ul>	Monthly test

5	September, 2025	22	<p><b>Fundamentals of Human Geography</b></p> <p>7. Transport, Communication and Trade India People and Economy 7. Transport and Communication</p> <p><b>Practical Geography</b> 3. Graphical representation of Data</p>	<ul style="list-style-type: none"> <li>Indira Gandhi Canal <a href="https://www.youtube.com/watch?v=RJAjQgyQwkg">https://www.youtube.com/watch?v=RJAjQgyQwkg</a></li> <li>Indira Gandhi Canal- The beginning stage <a href="https://www.youtube.com/watch?v=DMpHyLdLXZ0">https://www.youtube.com/watch?v=DMpHyLdLXZ0</a></li> </ul> <ul style="list-style-type: none"> <li>Students can be asked to do a survey of their class about the means of transport being used by students to reach school. Prepare a Bar diagram with the help of the data collected.</li> <li>Analyse the connection between physical landscape and development of various modes of transport.</li> <li>Suez Canal- <a href="https://www.youtube.com/watch?v=nhArtB3JtuE">https://www.youtube.com/watch?v=nhArtB3JtuE</a></li> <li>Panama Canal-<a href="https://www.youtube.com/watch?v=SK_CNbvlbis">https://www.youtube.com/watch?v=SK_CNbvlbis</a></li> <li>On the world map show Terminal Stations of Transcontinental Railways– Trans-Siberian, Trans Canadian, Trans-Australian Railways</li> <li>Collect information on Bharatmala and Setubharatam Pariyojana and share it with your peer group. <a href="https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india">https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india</a></li> <li>Mark and label the major sea ports and airports on an outline map of India. • Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia • International Air ports: Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram &amp; Hyderabad.</li> <li>Practice Items- Practical 3 <a href="https://diksha.gov.in/play/collection/do_31310347542408396811497?contentId=do_31309370322477875211365">https://diksha.gov.in/play/collection/do_31310347542408396811497?contentId=do_31309370322477875211365</a></li> </ul>	Monthly test of covered chapters during the month
6	October, 2025	16	<p><b>Fundamentals of Human Geography</b></p> <p>8. International Trade</p> <p><b>India People and Economy</b></p> <p>8. International Trade</p>	<ul style="list-style-type: none"> <li>Discuss: How International trade was carried out in the past vis-a-vis present times.</li> <li>Mark the silk route on the world map .Show the items or commodities exchanged along the routes from various countries.</li> <li>Study the data given on table 8.1 and compare world import and export to calculate balance of trade and analyse its implication</li> <li>Mark and label the headquarters of WTO on an outline world map.</li> </ul>	Half Yearly

				<ul style="list-style-type: none"> <li>• Think of some reasons why dumping is becoming a serious concern among trading nations?</li> <li>• Make a list of India's major trading partners and identify these countries on a world map.</li> <li>• Symposium on the role of WTO in modern day international trade.</li> </ul>	
7	November, 2025	22	<b>India People and Economy</b> 9. Geographical Perspective on selected issues and problems  <b>Practical Geography</b> 4. Spatial Information Technology	<ul style="list-style-type: none"> <li>• List the major sources of water pollution, air pollution, noise pollution and land pollution.</li> <li>• Prepare a poster to create awareness about Namami Gange Programme.</li> <li>• Namami Gange <a href="https://www.youtube.com/watch?v=Crfqx4RB3rg">https://www.youtube.com/watch?v=Crfqx4RB3rg</a></li> <li>• Speak to a rag picker and try to find out what he/she does with the waste.</li> <li>•</li> </ul>	I Pre Board
8	December, 2025	18	Revision		II Pre Board
9	January, 2025	24	Revision	<ul style="list-style-type: none"> <li>• Study Material</li> </ul>	Practical Exam
10	February, 2025	22	Revision	<ul style="list-style-type: none"> <li>• Study Material</li> </ul>	Revision
11	March, 2025		CBSE – Examination 2025 – 2025	<ul style="list-style-type: none"> <li>• Study Material</li> </ul>	

## CLASS XII

## SUBJECT- ECONOMICS (030)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2025	20	<p><b>Part A: Introductory Macroeconomics Unit 1: National Income and Related Aggregates</b></p> <p>What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate Goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model); Methods of calculating National Income - Value-added or Product Method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. GDP Deflator GDP and Welfare</p> <p><b>Unit 2: Money and Banking:</b> Money meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks. Money creation by the commercial banking system. Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin Requirement.</p>	<p>PPT Presentation, Quiz mind map, flowchart and selection of topic for project work.</p> <p><a href="https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352">https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352</a></p>	<p>Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)</p>
2	June, 2025	8	<p><b>Part B: Indian Economic Development Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:</b></p>	<p>Use of PPT Presentation, MCQs related to this topic and Quizzes.</p> <p><a href="https://bit.ly/indiaontheveofindependence">https://bit.ly/indiaontheveofindependence</a></p>	<p>Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including</p>

			A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and common goals of Five Year Plans.  Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.		competency based and case based questions.)
3	July, 2025	25	<p><b>Unit 6: Economic Reforms 1991</b> Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST</p> <p><b>Unit 4: Government Budget and the Economy</b> Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – Measures of government deficit.</p>	Use of PPT Presentation, Case study and Assertion based questions Application oriented questions, questions related to Deficit budget, Collection of data for project work. <a href="https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_31308784876277760013314">https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_31308784876277760013314</a>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
4	August, 2025	24	<p><b>Unit 5: Balance of Payments</b> Balance of payments Account - meaning and components; Balance of payments – Surplus and Deficit Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system.</p> <p><b>Unit 7: Current challenges facing Indian Economy</b> <b>Human Capital Formation:</b> How people become resource; Role of human capital in economic development; Growth of Education Sector in India</p>	Use of PPT Presentation, Chart depicting structure of Balance of Payment Accounts. Application oriented Questions, Debate, Quiz, case study related to New Education Policy. <a href="https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_31311197655386521611106">https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_31311197655386521611106</a>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
5	September, 2025	22	<p><b>Unit-7 Current challenges facing Indian Economy continued</b></p> <p>Rural development: Key issues - credit and marketing - role of cooperatives;</p>	Use of PPT Presentation, Case Study, Competitive based questions, MCQs	Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including

			<p>agricultural diversification; alternative farming - organic farming</p> <p>Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies</p> <p>Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	<p><a href="https://bit.ly/indianruraldevelopment">https://bit.ly/indianruraldevelopment</a></p> <p>Transforming Rural India, Ministry of Rural Development Government of India</p> <p><a href="https://bit.ly/employmentandinformation">https://bit.ly/employmentandinformation</a></p> <p>United Nations Department of Economic and Social Affairs</p> <p><a href="https://sdgs.un.org/goals">https://sdgs.un.org/goals</a></p> <p><a href="https://bit.ly/sustainabledevelopmentinindia">https://bit.ly/sustainabledevelopmentinindia</a></p>	competency based and case based questions.)
6	October, 2025	16	<p><b>Unit 3: Determination of Income and Employment</b></p> <p>Aggregate demand and its components.</p> <p>Propensity to consume and propensity to save (average and marginal).</p> <p>Short-run equilibrium output; investment multiplier and its mechanism.</p> <p>Meaning of full employment and involuntary unemployment.</p> <p>Project Work in Economics</p>	<p>Use of PPT Presentation, Case Study, Debate, and Value based questions.</p> <p><a href="https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_3130881157936087041739">https://diksha.gov.in/play/collection/do_313103475433115521988?contentId=do_3130881157936087041739</a></p>	Half Yearly Exam ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
7	November, 2025	22	<p><b>Unit 3: Determination of Income and Employment</b></p> <p><b>CONTD...</b></p> <p>Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.</p> <p><b>Unit 8: Development Experience of India:</b> A comparison with neighbours India and Pakistan</p> <p>India and China Issues: economic growth, population, sectorial development and other Human Development Indicators</p> <p>Revision work</p>	<p>Compare different development indicators of India, Pakistan and China</p> <p><a href="https://bit.ly/3MltIZ3">https://bit.ly/3MltIZ3</a></p>	<p>Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.</p> <p>Pre-board 1</p>

8	December, 2025	18	Revision work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)  Pre-board 2
9	January, 2025	24	Submission of Project work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)  Practicals
10	February, 2025	22	CBSE PRACTICALS & Revision work		
11	March, 2025		CBSE – Examination 2025– 2025		

## Useful E-resources

Introductory Macroeconomics	<a href="https://ncert.nic.in/textbook.php?leec1=0-6">https://ncert.nic.in/textbook.php?leec1=0-6</a>
Indian Economic Development	<a href="https://ncert.nic.in/textbook.php?keec1=0-8">https://ncert.nic.in/textbook.php?keec1=0-8</a>
ZIET Bhubaneswar Online; Objective type question bank for class XII Economics	<a href="https://zietbbsronline.blogspot.com/p/economics.html?m=1">https://zietbbsronline.blogspot.com/p/economics.html?m=1</a>

Economic Survey, Government of India	<a href="https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php">https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php</a>
Department of Economic Affairs data & Statistics	<a href="https://dea.gov.in/data-statistics">https://dea.gov.in/data-statistics</a>
National Portal of India.	<a href="https://www.india.gov.in/topics">https://www.india.gov.in/topics</a>
Summary of Economic Survey of India 2022-23	<a href="https://pib.gov.in/PressReleasePage.aspx?PRID=1894932">https://pib.gov.in/PressReleasePage.aspx?PRID=1894932</a>
Reserve Bank of India	<a href="https://www.rbi.org.in/">https://www.rbi.org.in/</a>
Hand book of Statistics on Indian Economy	<a href="https://bit.ly/41kZak5">https://bit.ly/41kZak5</a>
World Bank Data/India	<a href="https://data.worldbank.org/country/IN">https://data.worldbank.org/country/IN</a>
National Factsheet on Indian Economy; Ministry of Statistics and Programme Implementation, Government of India	<a href="https://www.mospi.gov.in/national_factsheet/">https://www.mospi.gov.in/national_factsheet/</a>
National Sample Survey Reports	<a href="https://bit.ly/3M6Xoyx">https://bit.ly/3M6Xoyx</a>
Economic Survey, Government of India	<a href="https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php">https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php</a>

Class: XII		No of working days	SUBJECT – HISTORY (027)
S. NO.	MONTH		NAME OF THE THEME
1	APRIL and MAY 2025	20	Bricks, Beads and Bones The Harappa Civilization
			Kings, Farmers and Towns Early States and Economies (c.600 BCE600 CE)
2	JUNE	8	Kingship, Caste and class Early Societies (c. 600 BCE600 CE)
3	JULY	25	Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE600 CE)
			Through the eyes of Travelers Perceptions of Society (c. tenth to seventeenth centuries)
4	AUGUST	24	Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)
			An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)
5	SEPTEMBER	22	Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)
			Colonialism and The Countryside Exploring Official Archives
6	OCTOBER	16	Rebels and Raj 1857 Revolt and its Representations
			Mahatma Gandhi and the National Movement Civil Disobedience and Beyond
7	NOVEMBER	22	Framing of the Constitution The Beginning of a New Era
			PRE-BOARD EXAM-1 REGIONAL LEVEL

<b>8</b>	<b>DECEMBER</b>	<b>18</b>	<b>REVISION &amp; MAP WORK OF RELATED THEMES</b>	<b>2<sup>nd</sup> Pre Board</b>
<b>9</b>	<b>JANUARY</b>	<b>24</b>	<b>REVISION &amp; PROJECT WORK</b>	
<b>10</b>	<b>FEBRUARY</b>	<b>22</b>	<b>REVISION OF SYLLABUS</b>	
<b>11</b>	<b>MARCH</b>			<b>CBSE BOARD EXAM</b>

**CLASS XII**
**SUBJECT- BUSINESS STUDIES (054)**

SLN o.	Month	Tentative no of working days	UNIT AND CHAPTER	Teaching Aids/E-content/Innovative practices to be adopted	Test / Examination to be conducted
1.	April & May2025	20	Nature and Significance of Management  Principles of Management.	<p><a href="https://ncert.nic.in/textbook.php?lebs1=1-8">https://ncert.nic.in/textbook.php?lebs1=1-8</a></p> <ul style="list-style-type: none"> <li>Understand the concept of management by students with day to day examples and their importance and objectives.</li> <li>Examine the nature of management as a science, art and profession.</li> <li><a href="https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/l252-business-xii-ch1-ep2.mp4">https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/l252-business-xii-ch1-ep2.mp4</a></li> <li>PPT, YouTube video. Worksheets</li> <li>Understand the role of top, middle and lower levels of management.</li> <li>Discuss the concept and characteristics of coordination among the students by role play</li> <li>Multiple Choice Question should be framed and LSA types given to the students</li> </ul> <p><a href="https://drive.google.com/file/d/1DkfYmkSwOkHR2qjUcJM0cHXdNNd1LMN/view?usp=drivesdk">https://drive.google.com/file/d/1DkfYmkSwOkHR2qjUcJM0cHXdNNd1LMN/view?usp=drivesdk</a></p> <p><a href="https://ncert.nic.in/textbook.php?lebs1=2-8">https://ncert.nic.in/textbook.php?lebs1=2-8</a></p> <p><a href="https://ncert.nic.in/textbook.php?lebs1=3-8">https://ncert.nic.in/textbook.php?lebs1=3-8</a></p> <p><a href="https://ncert.nic.in/textbook.php?lebs1=4-8">https://ncert.nic.in/textbook.php?lebs1=4-8</a></p> <p><a href="4CGkesYn_iHvlh2fEDtD5MbknC/view?usp=drivesdk">4CGkesYn_iHvlh2fEDtD5MbknC/view?usp=drivesdk</a></p> <ul style="list-style-type: none"> <li>Mind map of chapter will help the students to recapitulation</li> <li>Understand the concept of principles of management and explain the significance of management principles.</li> </ul>	Monthly Test/ Slip test
			Business Environment	<ul style="list-style-type: none"> <li>Newspaper &amp; magazine reading, role play and Imagine some changes in the business environment and their effects on the business and individuals and society as a whole:-</li> <li>1. After effects of</li> <li>COVID 19</li> </ul>	

				<ul style="list-style-type: none"> <li>• 2. Demonetization</li> <li>• 3. Increase in GST on medicines</li> <li>• 4. Restrictions on foreign investments</li> <li>• Inquiry based learning: inquiry-based learning uses different approaches to learning, including small-group discussion and guided learning. Instead of memorizing facts and material, students learn by doing. This allows them to build knowledge through exploration, experience, and discussion.</li> <li>• Work sheet and MCQ and case study problems to be given to the students.</li> </ul>	Slip Test
2.	June	8	Planning	<p>Understand the concept of planning. Describe the importance of planning and understand the limitations of planning. Develop an understanding of single use and standing plans by examples</p> <ul style="list-style-type: none"> <li>• Students will Describe objectives, policies, etc</li> <li>• Introducing real life Examples and Question answer session</li> </ul>	Slip Test
3.	July	25	Organizing Staffing	<p><a href="https://ncert.nic.in/textbook.php?lebs1=5-8">https://ncert.nic.in/textbook.php?lebs1=5-8</a>  <a href="https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=divesdk">https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=divesdk</a>  <a href="https://ncert.nic.in/textbook.php?lebs1=6-8">https://ncert.nic.in/textbook.php?lebs1=6-8</a></p> <ul style="list-style-type: none"> <li>• Introducing real life Examples and Question answer session</li> <li>• Describe functional and divisional structures of organization with the examples of departments of organization</li> <li>• PPT and Digital Content would be shared</li> </ul>	Monthly Test
4.	August	24	Directing Controlling	<p><a href="https://ncert.nic.in/textbook.php?lebs1=7-8">https://ncert.nic.in/textbook.php?lebs1=7-8</a>  <a href="https://ncert.nic.in/textbook.php?lebs1=8-8">https://ncert.nic.in/textbook.php?lebs1=8-8</a></p> <ul style="list-style-type: none"> <li>• Describe the concept of directing and discuss the importance of directing</li> <li>• Hearing motivational speech of different speakers</li> <li>• Discussion on leadership skills of Tata</li> <li>• Activities for emphasizing the importance of communication</li> <li>• The concept of controlling. Explain the importance of controlling.</li> <li>• Develop an understanding of Maslow's Hierarchy of needs. Discuss the various financial and non-financial incentives with real life examples</li> <li>• Multiple Choice Question should be framed and LSA types given to the students</li> </ul>	Monthly Test

				<ul style="list-style-type: none"> <li>• Mind map of chapter will help the students to recapitulation</li> <li>• PPT, YouTube video. Worksheets <a href="https://drive.google.com/file/d/1Av11G8zGAdd9RNe9qYkdexm_g4HBBDh6/view?usp=share_link">https://drive.google.com/file/d/1Av11G8zGAdd9RNe9qYkdexm_g4HBBDh6/view?usp=share_link</a></li> </ul>	
5.	September	22	Financial Management Financial Markets	<p><a href="https://nios.ac.in/media/documents/SrSec319NEW/319_Bus_Studies_Eng/319_Bus_Studies_Eng_Lesson18.pdf">https://nios.ac.in/media/documents/SrSec319NEW/319_Bus_Studies_Eng/319_Bus_Studies_Eng_Lesson18.pdf</a></p> <p><a href="https://ncert.nic.in/textbook.php?lebs2=2-3">https://ncert.nic.in/textbook.php?lebs2=2-3</a></p> <ul style="list-style-type: none"> <li>• Understand the concept of financial management. Explain the role of financial management in an organisation.</li> <li>• Give the meaning of a stock exchange. Explain the functions of a stock exchange and discuss the trading procedure in a stock exchange by demo class presented by students.</li> <li>• Multiple Choice Question should be framed and LSA types given to the students</li> <li>• Mind map of chapter will help the students to recapitulation</li> <li>• PPT, YouTube video. Work sheet and MCQ and caser study problems to be given to the students</li> </ul>	Half Yearly Exam
6.	October	16	Marketing Management	<ul style="list-style-type: none"> <li>• Understand the concept of marketing. Explain the features of marketing and discuss the functions of marketing.</li> <li>• Explain the marketing philosophies with examples.</li> <li>• Multiple Choice Question should be framed and LSA types given to the students</li> <li>• Mind map of chapter will help the students to recapitulation <a href="https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=divesdk">https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=divesdk</a></li> <li>• Work sheet and MCQ and caser study problems to be given to the students</li> </ul>	Monthly test
7.	November	22	Marketing Management contd. Consumer Protection Revision/Project First Pre board exam	<p><a href="https://ncert.nic.in/textbook.php?lebs2=3-3">https://ncert.nic.in/textbook.php?lebs2=3-3</a></p> <ul style="list-style-type: none"> <li>• Understand the concept of consumer protection. Describe the importance of consumer protection.</li> <li>• Discuss the scope of Consumer Protection Act, 2019</li> <li>• Examine the remedies available to the consumer under Consumer Protection Act, 2019. And discuss among the students</li> <li>* NCERT Text book ,PPT, YouTube videos and E content and work sheets</li> <li>• Mind map of chapter will help the students to recapitulation</li> </ul>	Pre Board- I

8.	December	18	Revision and 2 <sup>nd</sup> Pre-Board Examination	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf</a> <a href="https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf">https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf</a>	Pre-Board II
9.	January 2025	24	Revision and Model and Board practical	<a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-SQP.pdf</a> <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-MS.pdf</a>	
10.	February	22	Revision CBSE Practical Examination		Model Project
11.	March				CBSE Board Examination
			Additional links for references	<a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2025-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2025-25.pdf</a> <a href="https://diksha.gov.in">https://diksha.gov.in</a>	

Note: Teachers have to arrange periods as per the availability of time for project work.

## CLASS XII

## SUBJECT- ACCOUNTANCY (055)

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content / innovative practices	Test/examination to be conducted
1	April May 2025	20	<p>PART A - Unit 1: Accounting for Partnership Firms:</p> <ul style="list-style-type: none"> <li>• Partnership: features, Partnership Deed.</li> <li>• Provisions of the Indian Partnership Act 1932 in the absence of partnership deed.</li> <li>• Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio).</li> </ul> <p>• Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization.</p>	<ul style="list-style-type: none"> <li>*Role Play of students regarding formation of partnership and their agreement based on previous knowledge.</li> <li>*PPT, YouTube video.</li> <li>*Worksheets</li> <li>*Activity based teaching.</li> </ul> <p><a href="https://diksha.gov.in/nios/play/content/do_31306688437485568018535?contentType=ExplanationResource">https://diksha.gov.in/nios/play/content/do_31306688437485568018535?contentType=ExplanationResource</a></p> <p><a href="https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing">https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing</a></p> <ul style="list-style-type: none"> <li>*NCERT Text books</li> <li>* PPT, YouTube videos</li> <li>*E content and work sheets</li> </ul> <p><a href="https://diksha.gov.in/nios/play/content/do_313067379835527168110455?contentType=ExplanationVideo">https://diksha.gov.in/nios/play/content/do_313067379835527168110455?contentType=ExplanationVideo</a></p>	Class test

2	June	8	<p>Accounting for Partnership firms - Reconstitution and Dissolution.</p> <ul style="list-style-type: none"> <li>• Change in the Profit-Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet.</li> <li>• Admission of a partner - effect of admission of a partner on change in the profit-sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities,</li> </ul>	<ul style="list-style-type: none"> <li>* NCERT Text books</li> <li>* PPT, YouTube videos</li> <li>*E content and work sheets</li> </ul> <p><a href="https://drive.google.com/file/d/1gGzsb95RKR_B87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing">https://drive.google.com/file/d/1gGzsb95RKR_B87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing</a></p> <p><a href="https://diksha.gov.in/play/content/do_3133520024_658984961980">https://diksha.gov.in/play/content/do_3133520024_658984961980</a></p>	Monthly Test - 1
---	------	---	---	---	------------------

			treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet.		
3	July	25	<p>Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account, and balance sheet. Preparation of loan account of the retiring partner.</p> <ul style="list-style-type: none"> <li>• Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account.</li> <li>• Dissolution of a partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)).</li> </ul>	<p>* NCERT Text books  * PPT, YouTube videos  * E content and work sheets  <a href="https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook">https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook</a></p> <p><a href="https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQues tionSet">https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQues tionSet</a></p> <p><a href="https://docs.google.com/presentation/d/1qmMDi1LhOl3R_DrzcGWugUzc-vG5Hsl/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qmMDi1LhOl3R_DrzcGWugUzc-vG5Hsl/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true</a></p>	Monthly Test - 2
4	August	24	<p>Unit-2 Accounting for Companies</p> <p>Accounting for Share Capital</p> <ul style="list-style-type: none"> <li>• Features and types of companies</li> <li>• Share and share capital: nature and types.</li> <li>• Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium, calls in advance and arrears (excluding</li> </ul>	<p>* NCERT Text books  * PPT, YouTube videos  * E content and work sheets  <a href="https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook">https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook</a></p> <p><a href="https://docs.google.com/presentation/d/1jghTv88_lPfC9nVeUNvFek7H74fRqMx/edit?usp">https://docs.google.com/presentation/d/1jghTv88_lPfC9nVeUNvFek7H74fRqMx/edit?usp</a></p>	Monthly Test - 3

			<p>interest), issue of shares for consideration other than cash.</p> <ul style="list-style-type: none"> <li>• Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.</li> <li>• Accounting treatment of forfeiture and reissue of shares.</li> <li>• Disclosure of share capital in the Balance Sheet of a company.</li> </ul>	<p><a href="#">=sharing&amp;oid=106740070548656148657&amp;rt=pof=true&amp;sd=true</a></p> <p><a href="https://diksha.gov.in/nios/play/content/do_313253601993539584126950?contentType=ClassroomTeachingVideo">https://diksha.gov.in/nios/play/content/do_313253601993539584126950?contentType=ClassroomTeachingVideo</a></p>	
5	September	22	<p>Unit-2 Accounting for Companies Accounting for Debentures</p> <ul style="list-style-type: none"> <li>• Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures. Writing off discount / loss on issue of debentures.</li> </ul> <p>PART B - Unit-3 Analysis of Financial Statements:</p> <ul style="list-style-type: none"> <li>-</li> <li>Financial statements of a Company: Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)</li> <li>• Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations.</li> <li>• Tools for Financial Statement Analysis: Comparative statements, common size statements, Ratio analysis, Cash flow analysis.</li> </ul>	<ul style="list-style-type: none"> <li>* NCERT Text books</li> <li>* PPT, YouTube videos</li> <li>*E content and work sheets</li> </ul> <p><a href="https://docs.google.com/presentation/d/1oIXjcgPNutmXoAsj5MaL9cMRWr7tCvgQ/edit?usp=sharing&amp;oid=106740070548656148657&amp;rt=pof=true&amp;sd=true">https://docs.google.com/presentation/d/1oIXjcgPNutmXoAsj5MaL9cMRWr7tCvgQ/edit?usp=sharing&amp;oid=106740070548656148657&amp;rt=pof=true&amp;sd=true</a></p> <p><a href="https://drive.google.com/file/d/1jZDtd5kzaTClgSBY6gUH9_qeDqO6IJ7U/view?usp=sharing">https://drive.google.com/file/d/1jZDtd5kzaTClgSBY6gUH9_qeDqO6IJ7U/view?usp=sharing</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131148305366302721237">https://diksha.gov.in/play/content/do_3131148305366302721237</a></p>	Half Yearly
6	October	16	<p>Accounting Ratios: Meaning, Objectives, Advantages, classification and computation.</p> <ul style="list-style-type: none"> <li>• Liquidity Ratios: Current ratio and Quick ratio.</li> <li>• Solvency Ratios: Debt to Equity Ratio, Total Asset</li> </ul>	<ul style="list-style-type: none"> <li>* NCERT Text books</li> <li>* PPT, YouTube videos</li> <li>*E content and work sheets.</li> </ul>	Monthly Test - 4

			<p>to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio.</p> <ul style="list-style-type: none"> <li>Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio.</li> <li>Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.</li> </ul>	<p><a href="https://docs.google.com/presentation/d/1pinfhX1RpHmKJF0QtpBfDvQ8cNGAhcF/edit?usp=sharing&amp;oid=116114775382383328002&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1pinfhX1RpHmKJF0QtpBfDvQ8cNGAhcF/edit?usp=sharing&amp;oid=116114775382383328002&amp;rtpof=true&amp;sd=true</a></p> <p>Additional Ratios  <a href="https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing">https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing</a></p>	
7	November	22	<p>Unit 4: Cash Flow Statement</p> <ul style="list-style-type: none"> <li>Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)</li> </ul> <p>Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified.</p> <p>Revision and First Pre board Examination</p>	<p>* PPT, YouTube video.  *Worksheets  *Activity based teaching.  *Specific Project  <a href="https://docs.google.com/presentation/d/17Q3hPOJQQNRRywe_7a1rULAOgtu42Ry/edit?usp=sharing&amp;oid=116114775382383328002&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/17Q3hPOJQQNRRywe_7a1rULAOgtu42Ry/edit?usp=sharing&amp;oid=116114775382383328002&amp;rtpof=true&amp;sd=true</a></p> <p><a href="https://diksha.gov.in/nios/play/content/do_313067420257075200110840?contentType=PracticeQuestionSet">https://diksha.gov.in/nios/play/content/do_313067420257075200110840?contentType=PracticeQuestionSet</a></p> <p><a href="https://drive.google.com/file/d/1HuRwOsSBPyMFU5vYhB5kGePfioooxfnr/view?usp=sharing">https://drive.google.com/file/d/1HuRwOsSBPyMFU5vYhB5kGePfioooxfnr/view?usp=sharing</a></p> <p><a href="https://drive.google.com/file/d/1vq50nKC7YyqbeBDcqMO3s9rP6y5SHEdx/view?usp=share_link">https://drive.google.com/file/d/1vq50nKC7YyqbeBDcqMO3s9rP6y5SHEdx/view?usp=share_link</a></p> <p>Sample Paper issued by CBSE</p>	First Pre-Board
8	December	18	Second Pre board Examination	<p>Sample Paper issued by CBSE</p> <p><a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-SQP.pdf</a></p> <p><a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-MS.pdf</a></p>	Second Pre-Board

9	January 2025	24	Model and Board Practical Examination. Revision	Sample paper issued by CBSE, Previous years Question papers.	
10	February	22	Revision	Solving sample papers	
11	March				CBSE Examination
		Additional links for references	CBSE CURRICULUM	<a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf</a>	

## USEFUL WEBSITES & E-RESOURCES

NESTS	<a href="http://nests.tribal.gov.in">http://nests.tribal.gov.in</a>
Ministry of Tribal Affairs	<a href="http://tribal.nic.in">http://tribal.nic.in</a>
Ministry of Education	<a href="https://www.education.gov.in/">https://www.education.gov.in/</a>
CBSE	<a href="https://cbse.nic.in/">https://cbse.nic.in/</a>
NCERT	<a href="https://ncert.nic.in/">https://ncert.nic.in/</a>
DIKSHA PORTAL	<a href="https://diksha.gov.in/">https://diksha.gov.in/</a>
DIKSHA App	<a href="https://play.google.com/store/apps/details?id=in.gov.diksha.app&amp;hl=en&amp;gl=US&amp;pli=1">https://play.google.com/store/apps/details?id=in.gov.diksha.app&amp;hl=en&amp;gl=US&amp;pli=1</a>
ePathshala	<a href="https://epathshala.nic.in/">https://epathshala.nic.in/</a>
NISHTHA	<a href="https://itpd.ncert.gov.in/">https://itpd.ncert.gov.in/</a>
CBSE ACADEMICS	<a href="https://cbseacademic.nic.in/">https://cbseacademic.nic.in/</a>
CBSE Training Portal	<a href="https://cbseit.in/cbse/training/">https://cbseit.in/cbse/training/</a>
NCERT OFFICIAL	<a href="https://www.youtube.com/c/NCERTOFFICIAL">https://www.youtube.com/c/NCERTOFFICIAL</a>
CIET	<a href="https://ciet.nic.in/index.php">https://ciet.nic.in/index.php</a>

Alternative Academic Calendar	<a href="https://ncert.nic.in/alternative-academic-calendar.php">https://ncert.nic.in/alternative-academic-calendar.php</a>
CCT Weekly	<a href="https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook">https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook</a>
National Curriculum Framework for School Education 2023	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/NCF-School-Education-Pre-Draft.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/NCF-School-Education-Pre-Draft.pdf</a>
National Curriculum Framework for Foundational Stage 2022	<a href="https://ncert.nic.in/flipbook/NCF/National_Curriculum_Framework_for_Foundational_Stage_2022/mobile/index.html">https://ncert.nic.in/flipbook/NCF/National_Curriculum_Framework_for_Foundational_Stage_2022/mobile/index.html</a>
School Leadership Development	<a href="https://www.education.gov.in/hi/sites/upload_files/mhrd/files/upload_document/NCSL_Handbook.pdf">https://www.education.gov.in/hi/sites/upload_files/mhrd/files/upload_document/NCSL_Handbook.pdf</a>
Toy Based Pedagogy	<a href="http://dsel.education.gov.in/sites/default/files/update/toy_based_pedagogy.pdf">http://dsel.education.gov.in/sites/default/files/update/toy_based_pedagogy.pdf</a>
Guidelines for Implementation of 10 bagless days in school	<a href="http://www.psscive.ac.in/storage/uploads/others/Guideline/pdf/english/guideline-for10Baglessdays-in-School in English.pdf">http://www.psscive.ac.in/storage/uploads/others/Guideline/pdf/english/guideline-for10Baglessdays-in-School in English.pdf</a>
National Curriculum Framework	<a href="https://ncert.nic.in/pdf/ncfse2023.pdf">https://ncert.nic.in/pdf/ncfse2023.pdf</a>
<b>CBSE HANDBOOKS</b>	
National Policy for Promoting Innovations in Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/NP_Promote_Innovation.pdf">https://cbseacademic.nic.in/web_material/Manuals/NP_Promote_Innovation.pdf</a>
AIoT Integration in Curriculum	<a href="https://cbseacademic.nic.in/web_material/Manuals/AIoT_Curriculum.pdf">https://cbseacademic.nic.in/web_material/Manuals/AIoT_Curriculum.pdf</a>
Design Thinking and Innovation - FAQ & Introduction	<a href="https://cbseacademic.nic.in/web_material/Manuals/DT_IntroFAQ.pdf">https://cbseacademic.nic.in/web_material/Manuals/DT_IntroFAQ.pdf</a>
Safal - Language Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_frameworkhandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_frameworkhandbook.pdf</a>

Safal - Environmental Studies & Science Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_sciencehandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_sciencehandbook.pdf</a>
Safal - Mathematics Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_mathshandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_mathshandbook.pdf</a>
Mental Health & Well-being of School Students - A Survey	<a href="https://cbseacademic.nic.in/web_material/Manuals/Mental_Health_WSS_A_Survey.pdf">https://cbseacademic.nic.in/web_material/Manuals/Mental_Health_WSS_A_Survey.pdf</a>
Early Identification & Intervention for Mental Health Problems	<a href="https://cbseacademic.nic.in/web_material/Manuals/MOE_Mental_Health.pdf">https://cbseacademic.nic.in/web_material/Manuals/MOE_Mental_Health.pdf</a>
Shiksha Shabdkosh	<a href="https://cbseacademic.nic.in/web_material/Manuals/Shiksha_Shabdkosh.pdf">https://cbseacademic.nic.in/web_material/Manuals/Shiksha_Shabdkosh.pdf</a>
Toy Based Pedagogy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Toy_Based_Pedagogy.pdf">https://cbseacademic.nic.in/web_material/Manuals/Toy_Based_Pedagogy.pdf</a>
Satrangi Udan	<a href="https://cbseacademic.nic.in/web_material/Manuals/Satrangi_Udan.pdf">https://cbseacademic.nic.in/web_material/Manuals/Satrangi_Udan.pdf</a>
Standards for Excellence in School Education	<a href="https://cbseacademic.nic.in/web_material/Manuals/QASR_July21.pdf">https://cbseacademic.nic.in/web_material/Manuals/QASR_July21.pdf</a>
Study of Existing Assessment Structure of CBSE Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/Assessment_Structure21.pdf">https://cbseacademic.nic.in/web_material/Manuals/Assessment_Structure21.pdf</a>
EI Essential Concepts	<a href="https://cbseacademic.nic.in/web_material/Manuals/EI_Essential_Concepts.pdf">https://cbseacademic.nic.in/web_material/Manuals/EI_Essential_Concepts.pdf</a>
Handbook of Assessment and Evaluation	<a href="https://cbseacademic.nic.in/web_material/Manuals/Assessment-Evaluation_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Assessment-Evaluation_handbook.pdf</a>
Reading Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Reading_Literacy.pdf">https://cbseacademic.nic.in/web_material/Manuals/Reading_Literacy.pdf</a>
Handicrafts - Student Workbook	<a href="https://cbseacademic.nic.in/web_material/Curriculum22/publication/middle/Handicrafts-Student-Workbook.pdf">https://cbseacademic.nic.in/web_material/Curriculum22/publication/middle/Handicrafts-Student-Workbook.pdf</a>
Safal	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>

Pedagogical Leadership: A Handbook for Leading Learning in Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/Pedagogical-leadership-Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Pedagogical-leadership-Handbook.pdf</a>
Handbook of Inclusive Education	<a href="https://cbseacademic.nic.in/web_material/Manuals/handbook-inclusive-education.pdf">https://cbseacademic.nic.in/web_material/Manuals/handbook-inclusive-education.pdf</a>
Handbook of Joyful Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/handbook-joyful.pdf">https://cbseacademic.nic.in/web_material/Manuals/handbook-joyful.pdf</a>
Cyber Safety Manual	<a href="https://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf">https://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf</a>
Principals Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/Principals_Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Principals_Handbook.pdf</a>
21st Century Skill Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf</a>
ComicBook - Cogito	<a href="https://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf">https://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf</a>
ComicBook - The Question Book	<a href="https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf">https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf</a>
Teachers' Resource for Achieving Learning Outcomes	<a href="https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf">https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf</a>
Mathematical Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf">https://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf</a>
Mental Health and Well Being	<a href="https://cbseacademic.nic.in/web_material/Manuals/MENTAL_HEALTH_AND_WELL_BEING.pdf">https://cbseacademic.nic.in/web_material/Manuals/MENTAL_HEALTH_AND_WELL_BEING.pdf</a>
Assessment Framework	<a href="https://cbseacademic.nic.in/web_material/Manuals/AssessmentFramework.pdf">https://cbseacademic.nic.in/web_material/Manuals/AssessmentFramework.pdf</a>
UKNARIC Final Report	<a href="https://cbseacademic.nic.in/web_material/Manuals/UKNARICFinalReport.pdf">https://cbseacademic.nic.in/web_material/Manuals/UKNARICFinalReport.pdf</a>
Activities Calendar English	<a href="https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderEnglish.pdf">https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderEnglish.pdf</a>
Activities Calendar Hindi	<a href="https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderHindi.pdf">https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderHindi.pdf</a>
AI Curriculum Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/AICurriculumHandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/AICurriculumHandbook.pdf</a>

AI Integration Manual	<a href="https://cbseacademic.nic.in/web_material/Manuals/AIIntegrationManual.pdf">https://cbseacademic.nic.in/web_material/Manuals/AIIntegrationManual.pdf</a>
Art Integration	<a href="https://cbseacademic.nic.in/web_material/Manuals/Art_Integration.pdf">https://cbseacademic.nic.in/web_material/Manuals/Art_Integration.pdf</a>
Eco club	<a href="https://cbseacademic.nic.in/web_material/Manuals/Ecoclub.pdf">https://cbseacademic.nic.in/web_material/Manuals/Ecoclub.pdf</a>
Experiential Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf">https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</a>
Joyful Teaching And Learning  Of Mathematics	<a href="https://cbseacademic.nic.in/web_material/Manuals/JoyfulTeachingAndLearningOfMathematics.pdf">https://cbseacademic.nic.in/web_material/Manuals/JoyfulTeachingAndLearningOfMathematics.pdf</a>
Hubs of Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/Latest_Hubs_of_Learning.pdf">https://cbseacademic.nic.in/web_material/Manuals/Latest_Hubs_of_Learning.pdf</a>
Self Learning Resources for  IC Members	<a href="https://cbseacademic.nic.in/web_material/Manuals/SelfLearningResources.pdf">https://cbseacademic.nic.in/web_material/Manuals/SelfLearningResources.pdf</a>
School Quality Assessment & Assurance	<a href="https://cbseacademic.nic.in/web_material/Manuals/SQAA_FINAL.pdf">https://cbseacademic.nic.in/web_material/Manuals/SQAA_FINAL.pdf</a>
NAI PAHAL	<a href="https://cbseacademic.nic.in/web_material/Manuals/NAI_PAHAL.pdf">https://cbseacademic.nic.in/web_material/Manuals/NAI_PAHAL.pdf</a>
Handbook for Teachers	<a href="https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_Teachers.pdf">https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_Teachers.pdf</a>
Handbook for Students	<a href="https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_students.pdf">https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_students.pdf</a>
Transformation Engagement	<a href="https://cbseacademic.nic.in/web_material/Manuals/Transformation_Engagement.pdf">https://cbseacademic.nic.in/web_material/Manuals/Transformation_Engagement.pdf</a>
Mathematical Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf</a>
Scientific Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf</a>
Reading Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf</a>

### OTHER HANDBOOKS AND MANUALS

PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf</a>
PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf</a>
PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf</a>
National Education Policy 2020	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf</a>
Students' and Teachers' Holistic Advancement through Quality Education (SARTHAQ)	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/upload_document/SARTHAQ_Part-1_updated.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/upload_document/SARTHAQ_Part-1_updated.pdf</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
Teacher Handbook on Environmental Education for the Higher Secondary Stage	<a href="https://ncert.nic.in/desm/pdf/content.pdf">https://ncert.nic.in/desm/pdf/content.pdf</a>
Four Decades of National Science Exhibition for children.	<a href="https://ncert.nic.in/desm/pdf/4decadepdf.pdf">https://ncert.nic.in/desm/pdf/4decadepdf.pdf</a>
Curricula for ICT In Education	<a href="https://ictcurriculum.gov.in/">https://ictcurriculum.gov.in/</a>
Guidelines on School Safety and Security	<a href="https://dsel.education.gov.in/sites/default/files/2021-10/guidelines_sss.pdf">https://dsel.education.gov.in/sites/default/files/2021-10/guidelines_sss.pdf</a>
PURPOSIVE PEDAGOGICAL PRACTICES	
Four Decades of National Science Exhibition for children.	<a href="https://ncert.nic.in/desm/pdf/4decadepdf.pdf">https://ncert.nic.in/desm/pdf/4decadepdf.pdf</a>
NEP Audio	<a href="https://ciet.nic.in/pages.php?id=nep2020&amp;ln=en">https://ciet.nic.in/pages.php?id=nep2020&amp;ln=en</a>

### USEFUL LINKS

NCERT SYLLABUS	<a href="https://ncert.nic.in/syllabus.php">https://ncert.nic.in/syllabus.php</a>
NCERT YOUTUBE	<a href="https://youtube.com/@NCERTOFFICIAL">https://youtube.com/@NCERTOFFICIAL</a>
Ministry of Education	<a href="https://www.education.gov.in/">https://www.education.gov.in/</a>
INSPIRE Awards	<a href="https://www.inspireawards-dst.gov.in/">https://www.inspireawards-dst.gov.in/</a>
Ek Bharat Shrestha Bharat	<a href="https://ekbharat.gov.in/">https://ekbharat.gov.in/</a>
YUVIKA - YUva VIgyani KAryakram (Young Scientist Programme)	<a href="https://www.isro.gov.in/YUVIKA.html">https://www.isro.gov.in/YUVIKA.html</a>
Kala Utsav	<a href="https://kalautsav.in/">https://kalautsav.in/</a>
Azadi Ka Amrit Mahotsav	<a href="https://amritmahotsav.nic.in/">https://amritmahotsav.nic.in/</a>
Indian Association of Physics Teachers (IAPT)	<a href="https://www.iapt.org.in/">https://www.iapt.org.in/</a>
National Digital Library of India	<a href="https://ndl.iitkgp.ac.in/">https://ndl.iitkgp.ac.in/</a>
National School Safety Project (NSSP)	<a href="https://ndma.gov.in/Mitigation_Preparedness/School-safety-project">https://ndma.gov.in/Mitigation_Preparedness/School-safety-project</a>

Open Government Data - Education	<a href="https://data.gov.in/sector/education">https://data.gov.in/sector/education</a>
Spoken Tutorial	<a href="https://spoken-tutorial.org/">https://spoken-tutorial.org/</a>
National Scholarship Portal	<a href="https://scholarships.gov.in/">https://scholarships.gov.in/</a>
DigiLocker	<a href="https://www.digilocker.gov.in/">https://www.digilocker.gov.in/</a>
<b>VIDEO SERIES ON ASSESSMENT AND EVALUATION</b>	
Principles of assessment	<a href="https://www.youtube.com/watch?v=TYAFYp23u2E">https://www.youtube.com/watch?v=TYAFYp23u2E</a>
Assessment design approach	<a href="https://www.youtube.com/watch?v=iAXhkPYqrUY">https://www.youtube.com/watch?v=iAXhkPYqrUY</a>
Item writing approach	<a href="https://www.youtube.com/watch?v=wOT2u1O9yTc">https://www.youtube.com/watch?v=wOT2u1O9yTc</a>
Objective questions	<a href="https://www.youtube.com/watch?v=oSvbneSuGMY">https://www.youtube.com/watch?v=oSvbneSuGMY</a>
Presentation Voice Over 5 v3	<a href="https://www.youtube.com/watch?v=hBO-DgQabI8">https://www.youtube.com/watch?v=hBO-DgQabI8</a>
Extended response questions	<a href="https://www.youtube.com/watch?v=W3jkNtfZs08">https://www.youtube.com/watch?v=W3jkNtfZs08</a>
Item production process	<a href="https://www.youtube.com/watch?v=N1-XV1qUEis">https://www.youtube.com/watch?v=N1-XV1qUEis</a>
Assessment performance review	<a href="https://www.youtube.com/watch?v=s5Id8yWLvAY">https://www.youtube.com/watch?v=s5Id8yWLvAY</a>

## USEFUL LINKS FOR CLASS VI TO VIII

Alternative Academic Calendar for Students Upper Primary-English	<a href="https://ncert.nic.in/pdf/AAC-Upperprimary-eng.pdf">https://ncert.nic.in/pdf/AAC-Upperprimary-eng.pdf</a>
Alternative Academic Calendar for Students Upper Primary-Hindi	<a href="https://ncert.nic.in/pdf/AAC-upperprimary-hindi.pdf">https://ncert.nic.in/pdf/AAC-upperprimary-hindi.pdf</a>
Syllabus at Elementary Level	<a href="https://ncert.nic.in/pdf/syllabus/vol1_el.zip">https://ncert.nic.in/pdf/syllabus/vol1_el.zip</a>
CBSE Learning Frameworks: Learning Framework - English	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf</a>
CBSE Learning Frameworks: Learning Framework - Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf</a>
CBSE Learning Frameworks: Learning Framework - Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf</a>
CBSE Learning Frameworks: Learning Framework - Social Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf</a>
CBSE: Mathematics Laboratory in Primary & Upper Primary schools	<a href="https://cbseacademic.nic.in/web_material/publication/archive/mathsf_activity_class_3_8_part3.pdf">https://cbseacademic.nic.in/web_material/publication/archive/mathsf_activity_class_3_8_part3.pdf</a>
Competency Based Framework on Literacy: Framework for Mathematic Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Reading Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Scientific Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf</a>
Curriculum Aligned Competency Based Test Items: Class VIII Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf</a>
Curriculum Aligned Competency Based Test Items: Class VIII Science	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</a>
NCERT: Q & A Science and Mathematics in NCF-2005	<a href="https://ncert.nic.in/desm/pdf/ncf_qna.pdf">https://ncert.nic.in/desm/pdf/ncf_qna.pdf</a>

NCERT: Source Book on Assessment for Classes VI-VIII, Mathematics	<a href="https://ncert.nic.in/desm/pdf/SB_MathsVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_MathsVI-VIII.pdf</a>
NCERT: Source Book on Assessment for Classes VI-VIII, Science- English	<a href="https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf</a>
NCERT: Source Book on Assessment for Classes VI-VIII, Science - Hindi	<a href="https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf</a>
NCERT: Laboratory Manual – Elementary Stage	<a href="https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm103.pdf">https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm103.pdf</a>
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	<a href="https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm104.pdf">https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm104.pdf</a>
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	<a href="https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm105.pdf">https://ncert.nic.in/pdf/publication/science{laboratory}manuals/classItoVIII/mathematics/ahelm105.pdf</a>
Practice Question Papers: Class 6	<a href="https://diksha.gov.in/play/collection/do_31332717461391769613079">https://diksha.gov.in/play/collection/do_31332717461391769613079</a>
Practice Question Papers: Class 7	<a href="https://diksha.gov.in/play/collection/do_31332717826029977613119">https://diksha.gov.in/play/collection/do_31332717826029977613119</a>
Practice Question Papers: Class 8	<a href="https://diksha.gov.in/play/collection/do_31332717993804595213151">https://diksha.gov.in/play/collection/do_31332717993804595213151</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
SAFAL: Structured Assessment for Analyzing Learning:	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>
Sample Lesson Plans: English	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf</a>
Sample Lesson Plans: Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf</a>
Sample Lesson Plans: Science	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf</a>
Suggested Assessment Framework for CBSE science, mathematics and english for classes 6-10	<a href="https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf">https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf</a>
Teacher Training Module on CBE:	<a href="http://bit.ly/CompetencybasedEducation">http://bit.ly/CompetencybasedEducation</a>

Teacher's Resource for Achieving Loss:

[https://cbseacademic.nic.in/web\\_material/Manuals/TeachersResource\\_LODoc.pdf](https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf)

## USEFUL LINKS FOR CLASSES IX to X

Secondary Curriculum for the Academic Year 2023-24	<a href="https://cbseacademic.nic.in/curriculum_2025.html#collapse2">https://cbseacademic.nic.in/curriculum_2025.html#collapse2</a>
In-service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : सामान्य मुद्रे	<a href="https://ncert.nic.in/desm/pdf/generic_issue_hindi.pdf">https://ncert.nic.in/desm/pdf/generic_issue_hindi.pdf</a>
In-service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : विज्ञान का शिक्षण	<a href="https://ncert.nic.in/desm/pdf/science_hindi.pdf">https://ncert.nic.in/desm/pdf/science_hindi.pdf</a>
In-service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : गणित का शिक्षण	<a href="https://ncert.nic.in/desm/pdf/mathematics_hindi.pdf">https://ncert.nic.in/desm/pdf/mathematics_hindi.pdf</a>
Alternative Academic Calendar for Students Secondary-English	<a href="https://ncert.nic.in/pdf/aac_secondary_Eng.pdf">https://ncert.nic.in/pdf/aac_secondary_Eng.pdf</a>
Alternative Academic Calendar for Students Secondary-Hindi	<a href="https://ncert.nic.in/pdf/aac_secondary_Hindi.pdf">https://ncert.nic.in/pdf/aac_secondary_Hindi.pdf</a>
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- English	<a href="https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Eng.pdf">https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Eng.pdf</a>
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- English	<a href="https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Hindi.pdf">https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Hindi.pdf</a>
Syllabus at Secondary and Higher Secondary Level	<a href="https://ncert.nic.in/pdf/syllabus/vol2_hsl.zip">https://ncert.nic.in/pdf/syllabus/vol2_hsl.zip</a>
Suggested Assessment Framework for CBSE science, mathematics and English for classes 6-10	<a href="https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf">https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf</a>
Competency Based Framework on Literacy: Framework for Scientific Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Mathematic Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_Final.pdf</a>
Competency Based Framework on Literacy: Framework for Reading Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf</a>

CBSE Learning Frameworks: Learning Framework - Social Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf</a>
CBSE Learning Frameworks: Learning Framework - Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf</a>
CBSE Learning Frameworks: Learning Framework - Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf</a>
CBSE Learning Frameworks: Learning Framework - English	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf</a>
Sample Lesson Plans: Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf</a>
Sample Lesson Plans: Science	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf</a>
Sample Lesson Plans: English	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf</a>
Teacher Training Module on CBE:	<a href="http://bit.ly/CompetencybasedEducation">http://bit.ly/CompetencybasedEducation</a>
Teacher's Resource for Achieving Los:	<a href="https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf">https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf</a>
SAFAL: Structured Assessment for Analyzing Learning:	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>
Practice Question Papers: Class 9	<a href="https://diksha.gov.in/play/collection/do_31332718096135782413178">https://diksha.gov.in/play/collection/do_31332718096135782413178</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 9	<a href="https://cbseacademic.nic.in/web_material/Manuals/DT_Curriculum9.pdf">https://cbseacademic.nic.in/web_material/Manuals/DT_Curriculum9.pdf</a>
OLABS	<a href="https://www.olabs.edu.in/">https://www.olabs.edu.in/</a>
PhET Interactive Simulations	<a href="https://phet.colorado.edu/">https://phet.colorado.edu/</a>
Virtual Labs	<a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>

## USEFUL LINKS FOR CLASS XI-XII

Senior Secondary Curriculum for the Academic Year 2023-24	<a href="https://cbseacademic.nic.in/curriculum_2025.html#collapse1">https://cbseacademic.nic.in/curriculum_2025.html#collapse1</a>
Teacher Handbook on Environmental Education for the Higher Secondary Stage	<a href="https://ncert.nic.in/desm/pdf/content.pdf">https://ncert.nic.in/desm/pdf/content.pdf</a>
Alternative Academic Calendar for Students Higher Secondary-English	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf</a>
Alternative Academic Calendar for Students Higher Secondary-Hindi	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 12	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 11	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>
OLABS	<a href="https://www.olabs.edu.in/">https://www.olabs.edu.in/</a>
Phet Interactive Simulations	<a href="https://phet.colorado.edu/">https://phet.colorado.edu/</a>
Virtual Labs	<a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
Financial Markets Management - XI	<a href="https://cbseacademic.nic.in/web_material/Manuals/FMM-XI_Jan22.pdf">https://cbseacademic.nic.in/web_material/Manuals/FMM-XI_Jan22.pdf</a>
Applied Mathematics XI	<a href="https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf">https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf</a>
Syllabus of Informatics Practices at Higher Secondary Stage	<a href="https://ncert.nic.in/pdf/syllabus/IPHSS.pdf">https://ncert.nic.in/pdf/syllabus/IPHSS.pdf</a>
Syllabus of Computer Science at Higher Secondary Stage	<a href="https://ncert.nic.in/pdf/syllabus/CSHSS.pdf">https://ncert.nic.in/pdf/syllabus/CSHSS.pdf</a>
CBSE Question Bank Class XII: Business Studies	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf</a>
CBSE Question Bank Class XII: English Core	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf</a>

CBSE Question Bank Class XII: Mathematics	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/MathematicsXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/MathematicsXII.pdf</a>
CBSE Question Bank Class XII: Accountancy	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf</a>
CBSE Question Bank Class XII: Economics	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EconomicsXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EconomicsXII.pdf</a>
CBSE Question Bank Class XII: Chemistry	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ChemistryXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ChemistryXII.pdf</a>
CBSE Question Bank Class XII: Computer Science	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>
CBSE Question Bank Class XII: Informatics Practices	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>
CBSE Handbooks: Financial Markets Management - XII	<a href="https://cbseacademic.nic.in/web_material/Manuals/FMM-XII_Jan22.pdf">https://cbseacademic.nic.in/web_material/Manuals/FMM-XII_Jan22.pdf</a>
CBSE Handbooks: Applied Mathematics XII	<a href="https://cbseacademic.nic.in/web_material/Manuals/Book_Applied_Mathematics_ClassXII.pdf">https://cbseacademic.nic.in/web_material/Manuals/Book_Applied_Mathematics_ClassXII.pdf</a>
NCERT: Additional content in Physics based on revised syllabus	<a href="https://ncert.nic.in/desm/pdf/desm_s_physics.pdf">https://ncert.nic.in/desm/pdf/desm_s_physics.pdf</a>
NCERT: Additional content in Chemistry based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_Chemistry.pdf">https://ncert.nic.in/desm/pdf/desm_Chemistry.pdf</a>
NCERT: Additional content in Mathematics based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_Mathematics.pdf">https://ncert.nic.in/desm/pdf/desm_Mathematics.pdf</a>
NCERT: Additional content in Biology based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_biology.pdf">https://ncert.nic.in/desm/pdf/desm_biology.pdf</a>

\*\*\*\*\*