

## **C.B.S.E**

India is a country which has over 1.7 million schools, enrolling more than 350 million students. It has one of the largest and complex school education systems in the world along with China.

The most popular curriculum that students in India enroll for is the Central Board of Secondary Education (CBSE). It was established in 1962 under the Union Government of India. As it gives affiliations to both public and private schools, it has gained a huge popularity. There are currently more than 18,000 schools affiliated to CBSE.

The board offers programs for class 12 & 10 and conducts final examinations called the Senior School Certificate Examination for class XII and the Secondary School Examination for class X respectively.

CBSE has a vivid curriculum in Math and Sciences which supports or helps students to prepare for the entrance examinations along with their regular academics. However, with the National Testing Agency (NTA) taking over the responsibility of conducting the Engineering and Medicine exams, changes in the pattern and nature of the exams are visibly imminent. We will discuss these changes in detail in the upcoming modules. The CBSE is also preferred by parents who are working in sectors which involve constant relocating. Due to its huge web of schools across the country, making it easier for their wards to continue their education in different schools as the syllabus remains same.

For class 10, the CBSE has introduced a Remodeled Assessment structure. This will bring uniformity in the system of assessment and examination for classes IX and X in all the CBSE affiliated schools.

**The Areas of learning at the Secondary level are as under:**

Scholastic Areas	
Languages	Science
Social Science	Other Academic Elective Subjects
Mathematics	Skill Subjects

Co-Scholastic Areas
Health and Physical Education
Work Experience*
Art Education

**\*Subsumed in Health and Physical Education**

There will also be an additional subject that the students will have to opt for. These subjects are also referred to as the 6th subject.

From the academic year 2017-18 onwards, the Remodeled Assessment Structure will focus on three broad areas

- i. Scholastic Area
- ii. Additional Subjects
- iii. Co-Scholastic Activities

The Assessment scheme will have an 80 marks component for Board examination (class X) and Annual Examination (class IX) in all scholastic subjects along with a 20 marks component of Internal Assessment. Students have to secure 33 percent in total in each of these components.

**Assessment for Class 10**

Subjects	Board Examination (Pass percentage - 33% marks out of 80 marks)	Internal Assessment (pass percentage - 33% marks out of 20 marks)		
		Periodic Assessment	Portfolio	Subject Enrichment Activity
	(80 marks)	(Periodic Test 05 marks + Multiple Assessment 05 marks)	(5 marks)	(5 marks)

## Assessment for Class 10 (cont'd)

Language 1	<b>Board Examination for 80 marks will be conducted for all the compulsory academic subjects. 100% syllabus will be covered for exams awarding both marks and grades.</b>	<b>Only 3 periodic tests per subject will be conducted per year. Average scores of the best of two will be considered for final submission to the board. The type and frequency of Multiple assessment will be determined by the subject teachers</b>	<b>It is a catalogue of the student's work and can be an extension of the notebooks developed subject-wise. This would include classwork, homework, assignments and/or any exemplary work done by the student in that area</b>	<b>Speaking and Listening skills</b>
Language 2				<b>Speaking and Listening skills</b>
Science				<b>Practical lab work</b>
Mathematics				<b>Math Lab Work</b>
Social Science				<b>Map and Project work</b>
6th Additional Subject taken as Optional subject	<b>For subjects chosen as optional additional subject, students will require to score 33% marks out the total marks marked for each subjects. Detailed information on the additional subjects and marks earmarked for each subject is given below</b>			

The Board Examination conducted for all the compulsory academic subjects will cover 100% syllabus of class X only for exams. Both the marks and grades will be awarded on the results.

The Internal Assessments conducted by the school will be based on the marks achieved in the Periodic Tests, Notebook submission and the Subject Enrichment Activity.

**Additional Subjects and their Assessment**

CBSE offers a number of optional subjects to its students. Each subject is marked internally by the school and externally by the board. To be declared pass, students have to secure 33% marks out of the marks earmarked for each subject. Take a look at the table which gives you a breakdown of the additional subjects and their grading.

Subject	Total 100 Marks (Syllabus of Class 10 only)	
	Board Examination	Internal Assessment
	Pass percentage - 33% marks out of marks earmarked)	Pass percentage - 33% marks out of marks earmarked)
Language	Very similar to the assessment done for the Language 1	
Home Science	75 marks	25 marks
FIT/ICT	40 marks	60 marks
Elements of Business	100 marks	-
Elements of Book-Keeping and	100 marks	-
E-Publishing & E-Office English or	30 marks	70 marks
Painting	100 marks	-
Carnatic Music	25 marks	75 marks
Hindustani Music	25 marks	75 marks
NCC	70 marks	30 marks

## **Scholastic Area**

As per the scheme of studies students should pursue five compulsory academic subjects and the 6th subject is an optional additional subject. The final score evaluation will be done based on the scores achieved in the Internal Assessment and the Board Examination. The weightage between the two will be 20% and 80% respectively. To be declared pass, students will need to achieve a minimum of 33% marks out of 20 marks on the internal assessment and 80 marks on Board examination.

## **Co – Scholastic Activities**

For the holistic development of the students the CBSE also puts emphasis on promoting the co-curricular activities in all schools. Work Education or pre- vocational education, Art Education and health & Physical education are the activities which the schools will be evaluating internally.

These activities are graded on a 5-point grading system i.e. A-E.

Class teachers will also be responsible for grading the students on a Five- point scale i.e from A-E for Discipline which includes Attendance, Sincerity, Behavior, & Values

Now let us take a look at the Remodeled Assessment Structure for CBSE schools offering vocational subjects as 6th Compulsory Subject under NSQF (vocational) scheme for students in Secondary classes.

NSQF stands for National Skills Qualification Framework. It is a competency- b a s e d framework which organizes all qualifications according to a series of levels of knowledge, skills and aptitude.

Under NSQF revised scheme of studies, students will study five compulsory subjects and the 6th additional subject will also be offered as a compulsory vocational subject.

The NSQF remodeled assessment also covers three major areas-

- i. Scholastic Area** – the parameters of assessing students on the academic subjects remains the same as stated earlier.

	Subject Name	Marks
Subject 1	Language 1	100
Subject 2	Language 2	100
Subject 3	Science	100
Subject 4	Mathematics	100
Subject 5	Social Science	100
Subject 6 (Additional)	Vocational Subject**	100

**ii. Vocational Subjects:**

The CBSE offers a list of vocational subjects to students to choose from. The vocational subject is offered as a compulsory 6th additional subject. Each of these subjects is scored out of a total of 100 marks. All vocational subjects are to be scored internally by the school out of 50 marks and externally by the Board out of 50 marks.

The table here will give you the list of vocational subjects offered by the Board.

List of Vocational Subjects and the Assessment

	Total 100 Marks	
Subjects	Board Examination	Internal Assessment
Dynamics of Retailing	50 Marks	50 Marks
Information Technology	50 Marks	50 Marks
Security	50 Marks	50 Marks
Automobile Technology	50 Marks	50 Marks
Introduction to Financial Market	50 Marks	50 Marks
Introduction to Tourism	50 Marks	50 Marks
Beauty & Wellness	50 Marks	50 Marks
Basic Agriculture	50 Marks	50 Marks
Food Production	50 Marks	50 Marks
Front Office Operations	50 Marks	50 Marks
Banking & Insurance	50 Marks	50 Marks
Marketing & Sales	50 Marks	50 Marks
Health Care Services	50 Marks	50 Marks



**NOTE** - If a student fails in any one of the elective subjects' i.e Science, Mathematics and Social Science then it will be replaced by the Vocational Subject offered as the 6th additional subject. Results of the Class X Board will be computed accordingly. However, if such a student wants to re-take the failed subject then he/she is allowed to reappear for the failed subject in the compartment examination.

**iii. Co –Curricular Activities**

Under Co- Scholastic Activities – Students opting for a Vocational subject shall be exempted from work education or pre-vocational education. However, the assessment of Art Education, Health & Physical Education will remain the same as stated earlier.

**The Grading System for class 10th**

The grading system in class 10th is based on a 9 point grading system. The grades are: A-1, A-2, B-1, B-2, C-1, C-2, D-1, D-2 and E. This can be better understood through the following table. Marks and grades are awarded on the basis of 9-point grading system. Grades will be awarded in each scholastic subject. Forwarding the grades, the Board will put all the passed students in a rank order and will award the grades as follows:

A-1	Top 1/8 <sup>th</sup> of the passed candidates
A-2	Next 1/8 <sup>th</sup> of the passed candidates
B-1	Next 1/8 <sup>th</sup> of the passed candidates
B-2	Next 1/8 <sup>th</sup> of the passed candidates
C-1	Next 1/8 <sup>th</sup> of the passed candidates
C-2	Next 1/8 <sup>th</sup> of the passed candidates
D-1	Next 1/8 <sup>th</sup> of the passed candidates
D-2	Next 1/8 <sup>th</sup> of the passed candidates
E	Failed candidates

Here is the sample report card of the CBSE



Annexure-1

School Name

School Logo

Academic Session: 2017-18  
Report Card for Class IX

Roll No. :  
Student's Name:  
Mother's/Father's/Guardian's Name:  
Date of Birth:  
Class/Section:

Scholastic Areas:	Academic Year (100 marks)					
Sub Name	Periodic Test (10)	Note Book (5)	Subject Enrichment (5)	Annual Examination (80)	Marks Obtained (100)	Grade
Language 1						
Language 2						
Subject 1						
Subject 2						
Subject 3						
Additional or NSQF Sub						

Co-Scholastic Areas [on a 5-point (A-E) grading scale]		Grade
Work Education (or Pre-vocational Education)		
Art Education		
Health & Physical Education		

Discipline[on a 5-point (A-E) grading scale]		Grade

Class Teacher's Remarks .....  
Result:.....

Date..... Signature of Class Teacher Signature of Principal

Instructions

Grading scale for scholastic areas : Grades are awarded on a 8- point grading scale as follows –

MARKS RANGE	GRADE
91 - 100	A 1
81 - 90	A 2
71 - 80	B 1
61 - 70	B 2
51 - 60	C 1
41 - 50	C 2
33 - 40	D
32 & Below	E (Failed)



Class 12:

After class 10th, the subjects groups usually get divided into various streams and students have to pick a stream of their choice in class 11<sup>th</sup>.

**The different streams are:**

- Humanities/Arts
- Science
- Commerce

When students select a stream, they need to select three subjects as main subjects from that stream and English. Apart from these 4 core subjects, there is also an elective subject which needs to be chosen. The elective subject options depends on which subjects the school chooses and if the school has the faculty to teach the subject.

**The subjects offered under the Humanities stream include-**

- History
- Political Science
- Sociology
- Geography
- Economics

**The subjects in the Science stream are**

- Physics
- Chemistry
- Biology
- Mathematics

**In the Commerce stream, the core subjects are**

- Economics
- Business Studies
- Accountancy
- Entrepreneurship

Subject		Name of subjects
Compulsory	Subject 1	Hindi Elective or Hindi Core Or English Elective or English Core
	Subject 2	Any one Language from Subject Group - L not opted as Subject 1 Or Any one Subject from Academic Electives (Subject Group - A)
	Subject 3, Subject 4 and Subject 5	Any three Subjects from Academic Electives (Subjects Group - A) Or Any three Subjects from Skill Group - S Or Any three from Combination of Group - A and Group - S
Additional Subject Optional	Subject 6	Any one Subject from any subject group not opted above
Subjects of Internal Assessment	Subject 7 to 9 (Subjects of internal assessment to be taken by all Regular Candidates)	*Work Experience Health and Physical Education General Studies

\*Work experience is subsumed in Health and Physical Education

**LANGUAGES (GROUP – L)**

1	Arabic
2	Assamese
3	Bengali
4	Bhutia
5	Bodo
6	French
7	German
8	Gujarati
9	Hindi Core
10	Hindi Elective
11	English Core
12	English Elective
13	Japanese
14	Kannada
15	Kashmiri
16	Lepcha
17	Limboo
18	Malayalam
19	Manipuri
20	Marathi

21	Mizo
22	Nepali
23	Odia
24	Persian
25	Punjabi XI
26	Punjabi XII
27	Russian
28	Sanskrit XI Core
29	Sanskrit XI Elective
30	Sanskrit XII Core
31	Sanskrit XII Elective
32	Sindhi
33	Spanish
34	Tamil
35	Tangkhul
36	Telugu AP
37	Telugu Telangana
38	Tibetan
39	URDU CORE
40	URDU Elective

**ACADEMIC SUBJECTS- GROUP A**

1	Accountancy
2	Biology
3	Bio Technology
4	Business Studies
5	Carnatic Melodic
6	Carnatic Vocal
7	Carnatic Percussion
8	Chemistry
9	Computer Science OLD XII
10	Computer Science New XI
11	Computer Science New XII
12	Dance
13	Economics
14	Engineering Graphics
15	Entrepreneurship
16	Painting, Graphics, Sculpture, Applied- Commercial Art
17	Geography

18	Hindustani Melodic
19	Hindustani Percussion
20	Hindustani Vocal
21	History
22	Home Science
23	InfoPractices New XI
24	InfoPractices New XII
25	InfoPractices Old XII
26	Knowledge Tradition - Practices India
27	Legal Studies
28	Mathematics
29	NCC
30	Physical Education
31	Physics
32	Political Science
33	Psychology
34	Sociology

**SUBJECTS- GROUP S**

1	RETAIL
2	INFORMATION TECHNOLOGY
3	WEB APPLICATION
4	FINANCIAL MARKETS
5	MANAGEMENT
6	TOURISM
7	BEAUTY & WELLNESS
8	AGRICULTURE
9	FOOD PRODUCTION
10	FRONT OFFICE OPERATIONS
11	BANKING

12	MARKETING
13	HEALTH CARE
14	INSURANCE
15	X-RAY TECHNICIAN
16	HORTICULTURE
17	TYPOGRAPHY & COMPUTER APPLICATION
18	GEOSPATIAL TECHNOLOGY
19	ELECTRICAL TECHNOLOGY
20	ELECTRONIC TECHNOLOGY
21	APPLIED CHEMISTRY
22	EARLY CHILDHOOD EDUCATION (NEW)

**SUBJECTS- GROUP S (con'd)**

23	FASHION STUDIES
24	ELECTRONIC TECHNOLOGY
25	MEDIA
26	TAXATION
27	COST ACCOUNTING
28	OFFICE PROCEDURES
29	SHORTHAND (ENGLISH)
30	SHORTHAND (HINDI)
31	AIR-CONDITIONING & REFRIGERATION
32	APPLIED PHYSICS
33	MEDICAL DIAGNOSTICS

34	TEXTILE DESIGN
35	DESIGN
36	SALESMANSHIP
37	MUSIC PRODUCTION
38	BUSINESS ADMINISTRATION
39	MASS MEDIA STUDIES
40	FOOD NUTRITION & DIETETICS
41	LIBRARY
42	INFORMATION SCIENCE
43	APPLIED MATHEMATICS
44	YOGA (NEW)



## Grading System in class 12

The grading system in class 12th is based on 5 subjects marking.

Students are evaluated in a total of 500 with 100 marks for each subject. The practical subjects like Physics, Chemistry, Biology, Geography etc. have 70 marks for theory and 30 marks for practical. The Board Examination will cover the entire syllabus of Class-XII as per syllabus for each subject. Marks and grades on the basis of 9-point grading system. Grading will be awarded in each scholastic subject. For awarding the grades, the Board will put all the passed students in a rank order and will award the grades as follows:

<b>A-1</b>	<b>Top 1/8<sup>th</sup> of the passed candidates</b>
<b>A-2</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>B-1</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>B-2</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>C-1</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>C-2</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>D-1</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>D-2</b>	<b>Next 1/8<sup>th</sup> of the passed candidates</b>
<b>E</b>	<b>Failed candidates</b>

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## **Pass criteria for CBSE class 12**

- a. In order to get the pass certificate, a student has to secure a grade higher than 'E' in all subjects of internal assessment unless exempted. Failing this, the result of the external examination will be withheld but not for a period of more than one year.
- b. The student should also obtain a grade higher than E (i.e., at least 33% marks) in all the five subjects of external examination in the main or at the end of the compartmental examination. The pass marks in each subject of external examination shall be 33%. In case of a subject involving practical work a candidate must obtain 33% marks in theory and 33% marks in practical separately in addition to 33% marks in aggregate in order to qualify in that subject.
- c. No overall division/distinction/aggregate shall be awarded.
- d. Students who are exempted from one or more subjects of internal examination shall be eligible for appearing in external examination and result shall be declared subject to fulfillment of other conditions laid down in the Pass Criteria.
- e. In subjects which have practical work too, a student must obtain 33% marks in theory and 33% in practical separately in addition to 33% marks in aggregate in order to qualify in that subject.
- f. Like all education boards, CBSE also has its pros and cons. Here are some of the major advantages and disadvantages of studying in a CBSE board.

### **Pros:**

- The biggest advantage of studying in CBSE is that large parts of the syllabus of major competitive examinations in India are based on the CBSE syllabus.
- The CBSE syllabus is easier when compared to that of other boards, mainly due to fewer subjects and a more compact structure. Secondary subjects like Environmental Education are not compulsory under the CBSE syllabus. The subjects of Physics, Chemistry and Biology fall under the general umbrella of Science, and History, Geography and Civics fall under the spectrum of Social Sciences.
- It lays more emphasis on the Math and Sciences which helps students in preparation for the competitive exams.
- A certificate from the Central Board of Education is recognized throughout the colleges and academic centres. The syllabus is more application based under CBSE.
- Helpful to parents and students in case they have transferable jobs because of

pan India availability of the schools offering this curriculum.

- It is also recognized internationally by all universities of major study destinations.

### **Cons:**

- Not much focus is laid on inculcating practical knowledge in students. The CBSE syllabus also does not lay as much emphasis on core English knowledge as its counterpart (ISC/ICSE) does, choosing to lay more importance on the disciplines of mathematics and science.
- The subjects in a CBSE syllabus are approached in a theoretical manner, and true emphasis is not laid on real-life concepts behind the science. It does not provide room for effective understanding.
- While the debate between parents on choosing the best board for their child is ongoing, it should definitely be based on the student's strengths, weaknesses and what they want to pursue in the future.

### **KEY TAKEAWAY**

- CBSE is a highly reputed educational board in India. It conducts exams for class 10 and 12
- Major advantages of CBSE: fewer subjects, major entrance exams are based on this syllabus, more concentration on science and Math and its certificate is recognized country wide
- Major disadvantages: not much importance is given to the English language, has less scope for effective learning