



# Rich Harvest Public School

## HOLIDAY HOMEWORK (2025-26)

Class : VIII

Summer break, a time to roam,  
But studies still have a home.  
Goals are set, a plan in sight,  
Learning journeys, shining bright.

Reading books, a world to find,  
Knowledge blooms within the mind.  
Projects start, with skills to grow,  
Summer learning, helps us know.

Balance found, between the fun,  
And lessons learned, until day is done.  
Active minds, and bodies too,  
Summer studies, see us through.

Dear Students,

As the sun climbs higher, we welcome the much-awaited Summer Vacation! It's a time to spark your curiosity and let your imaginations soar. Think of it as an open door to adventures and discoveries.

Vacation is your chance to recharge, refresh, and simply enjoy. You've got a whole lot of energy, and we want to help you channel it in the best way possible. That's why we've designed some super cool, project-based learning activities for your holiday homework. These projects are like exciting quests that let you boost your skills and knowledge through fun, creative activities in all your favourite subjects!

While those carefree days are calling, let's aim for a mix of fun and learning. Here's how you can make the most of your summer break:

- ❖ **Stay Hydrated & Eat Healthy:** Drink plenty of water, fresh juices, and enjoy seasonal fruits like watermelon and mangoes.
- ❖ **Protect Yourself from the Heat:** Avoid going out during peak heat hours. Wear cotton clothes, caps, and use sunscreen when needed.
- ❖ **Help at Home:** Offer a helping hand to your parents — clean your room, set the table, or water the plants.
- ❖ **Explore and Discover:** Summer is the perfect time to learn new things and explore your interests.
- ❖ **Become a Bookworm:** Make reading a daily adventure. Dive into new worlds and stories!
- ❖ **Learn with Joy:** The holiday homework is designed to be fun, creative, and enriching. Do a little every day and don't rush.
- ❖ **Make memories, take care of your health, and spend quality time with your loved ones.**

\*\*\*\*\*

Dear Parents,

As summer vacation begins, let's team up to make this break a time of incredible growth and discovery for our children.

- \* **Unleash the Explorer:** Let's encourage our kids to dive deep into their passions! Whether it's art, science, sports, or storytelling, let's provide the space and resources for them to explore what excites them.
- \* **The Magic of Balance:** While unstructured time is essential, a little bit of structure can go a long way. Let's find a balance that keeps our children engaged and productive, making the most of their summer days.
- \* **Fuel the Curiosity:** Summer is a fantastic opportunity for learning! Let's support their thirst for knowledge through books, museums, workshops, and any other exciting avenues that spark their curiosity.
- \* **Get Moving, Get Healthy:** Let's make sure our children have plenty of chances to run, play, and be active! A healthy, active summer sets the stage for a happy and energetic school year.

Let's work together to create a summer filled with fun, learning, and unforgettable memories for our children.

#### INSTRUCTIONS:

1. Revise complete syllabus done till now.
2. All the work should be presented neatly on A4 size-coloured sheets. Compile and submit your work in an attractive self-designed folder latest by **4<sup>th</sup> July 2025, Friday**.
3. Make sure your work is very neat as it will be graded.
4. Creativity and originality of the work will be appreciated.
5. Parents are requested to encourage their ward to do the homework independently. Please guide your ward in case he/she needs help.



We look forward to see your smiling faces after the break — refreshed, cheerful, and ready to learn more!

**Have a safe, happy, and enjoyable summer!**

\*\*\*\*\*

**ENGLISH**

**WORKSHEET**

**A. Identify the Sentence Type:**

1. The sun was setting over the ocean. (Simple, Complex, or Compound)
2. When I finished my homework, I went to bed. (Simple, Complex, or Compound)
3. I love playing soccer, and my brother loves playing basketball. (Simple, Complex, or Compound)
4. Although it was raining, we still went to the park. (Simple, Complex, or Compound)
5. The book is on the table. (Simple, Complex, or Compound)
6. I went to the store because I needed to buy milk. (Simple, Complex, or Compound)
7. The teacher gave us a lot of homework, but we finished it quickly. (Simple, Complex, or Compound)

**B. Classify the Sentences:**

Classify the following sentences as simple, complex, or compound:

1. The dog ran quickly.
2. When I reached the station, the train had left.
3. I like reading books, but my sister prefers watching movies.
4. The weather forecast says it will rain tomorrow.
5. Although I'm tired, I'll finish this project tonight.

**C. Cross out the incorrect words.**

1. I went to store (because/and) I needed milk"
2. "I love playing soccer (but/because) I practice every day."
3. "I went to bed (after/when) I finished my homework, and I slept soundly."
4. "The book is (on/under) the table, but I think it's (on/under) the chair."
5. " I went to the park (because/and) it was sunny."

**CREATIVE CORNER**

1. "DEAR COMRADE" (your well-wisher): When we feel sad or confused and we are not able to take any decision, one person is always there to motivate us. It could be your parent, friend or teacher. Share your experience on a A4 size sheet when you were confused and someone helped you along with drawings and attractive pictures.



## **2. Editorial Explorer-Newspaper Analysis**

- A. Collect five newspaper clippings from the editorial section on diverse topics (e.g., environment, politics, social issues, technology, education) in a Scrapbook file .**
- B. Write your thoughtful views and analysis on each editorial, considering:**

- Main arguments or points
- Strengths and weaknesses
- Implications and potential impact
- Your opinion or perspective



## **3. "Yoga for Peace and Harmony"**

**Create a simple yet striking black and white poster on A3 size sheet to celebrate International Yoga Day on June 21st. Incorporate:**

- An eye-catching design that reflects the theme of yoga and wellness.
- An inspiring slogan or caption that promotes peace, harmony, and mindfulness.

## **4. Use your creativity and write a short story in 200 words with the help of clues given below**

**It was Mohini's first day at new school, she was feeling very nervous, she stood in a corner and watched the students who were laughing and talking excitedly .One day, when she saw the senior students coming towards her,...**

## **5. Write a news article on a Colourful A4 size sheet about recent development in India-Pakistan relations along with pictures based on Warning sirens , Operation Sindhoor and so on.**



**EXPRESS YOUR GRATITUDE:**

(Write separately on A-4 size sheet and mail the same at [rhporeflections@gmail.com](mailto:rhporeflections@gmail.com) ):

Compose a heartfelt letter of gratitude to your Principal ma'am, following a formal letter format (including address, date, salutation, body, and closing) on an A4-sized sheet. Reflect thoughtfully on what you are thankful for—such as your teachers, learning spaces, school facilities, extracurricular activities, the opportunities and the friendships you've built. Highlight memorable experiences or significant events that left a lasting impact on you, whether it's a special lesson, celebration, or school function you truly enjoyed. Be creative and expressive—feel free to enhance your letter with illustrations, photographs, or decorative elements.

**SUCCESS STORY:**

(Write separately on A-4 size sheet and mail the same at [rhporeflections@gmail.com](mailto:rhporeflections@gmail.com) ):

This holiday, we want you to think about your own personal journeys and the challenges you've overcome. We all have stories of success, even if they seem small. For your holiday homework, write a success story based on a real-life personal experience including the following:

Choose a title that captures the essence of your story and story should include-

- What was your goal?
- What steps did you take to achieve your goal?

**ART INTEGRATION ACTIVITY**

"Tribal Treasures" -Design a Traditional Tribal Mask

Inspired by the rich cultural heritage of the indigenous communities of Andaman and Nicobar Islands, create a stunning tribal mask that reflects their unique traditions and mythology.

- Research the traditional masks and art forms of the Andaman and Nicobar Islands' indigenous communities (e.g., Jarawa, Nicobarese, Shompen).
- Design a mask that incorporates elements of their culture, such as symbols, patterns, and motifs.
- Use a variety of materials like paper, clay, fabric, or natural fibers to create your mask.
- Add vibrant colors and textures to make your mask visually striking.



You can write your story on A3 size sheet.

Be creative! You can add drawings, pictures, or other decorations too.

## MATHEMATICS

### Worksheet

1. What should be added to  $\frac{2}{5}$  to get  $\frac{-3}{2}$

2. Multiply :  $\frac{50}{-66} \times \frac{6}{100}$

3. Simplify :  $\frac{-15}{13} \times \frac{26}{-25}$

4. Subtract  $\frac{-6}{11}$  from  $\frac{-3}{5}$

5. Show that  $\frac{13}{4} + \frac{4}{5} = \frac{4}{5} + \frac{13}{4}$

6. Evaluate :  $\frac{-13}{20} + \frac{11}{14} + \frac{-5}{7} + \frac{7}{10}$

7. Find five rational numbers between  $\frac{-2}{5}$  and  $\frac{1}{2}$

8. Write the Additive Inverse of  $\frac{-7}{-23}$

9. Write the Multiplicative Inverse of  $\frac{-5}{19}$

10. Represent  $\frac{-5}{9}$ ,  $\frac{-3}{9}$  and  $\frac{2}{9}$

11. Compare  $\frac{-2}{11}$  and  $\frac{-3}{22}$

12. Find the measure of the interior and exterior angles of a regular polygon of 18 sides.

13. Find the number of diagonals in a polygon of 30 sides.

14. Find the sum of the interior angles of a regular Hexagon.

15. Find the number of sides in a decagon.

II Watch movie on a famous mathematician Srinivasa Ramanujan

"The man who knew Infinity".

(a) Write 10 things that you liked the most.

(b) What is the message of the movie?

### III Creative Corner

Create a POP UP Book on Polygons / Symmetrical shapes



#### IV Art Integration Activity

##### Coconut Shell Maths

The coconut is one of the main plants found in the Andaman and Nicobar Islands of India.

Activity :

1. Pick a coconut and break it into two pieces.
2. Measure the radius and diameter of coconut shell with the help of a thread or scale.
3. Make one decorative item from coconut shell.



#### SCIENCE

##### Worksheet

Q 1. Answer the following in one word:

1. Substances that are used to kill insects \_\_\_\_\_.
2. Traditional tool used to remove the weeds \_\_\_\_\_.
3. The microorganism that is smaller than bacteria. \_\_\_\_\_.
4. Disease causing microorganisms are known as \_\_\_\_\_.
5. Penicillin was discovered by \_\_\_\_\_ in \_\_\_\_\_.

Q 2. Answer the following-

1. What are antibiotics? Name any two antibiotics.
2. Food kept in the open by hawkers should not be consumed. Why?
3. What is fermentation? What happens when yeast powder is added to sugar solution and kept for 4-5 hours?
4. Why is it necessary to dry grains before storage?
5. What is a fertilizer? Name any three fertilizers.
6. What precautions should be taken while spraying weedicides and why?
7. Why earthworms and microbes are called friends of farmer?
8. What is a vaccine? How does a vaccine work? Explain.

9. List the various methods of irrigation. Why are the traditional methods of irrigation are cheaper but less efficient?
10. Differentiate between kharif and rabi crops. Give examples.
11. Why is organic manure considered better than fertilizers?
12. What is animal husbandry? How is it beneficial to humans?
13. Explain the process of nitrogen fixation and its importance.
14. What is crop rotation? Why is it important?
15. What are the methods of food preservation? Give two examples of each.

#### CREATIVE CORNER

1. Microorganism Models: Create models of different types of microorganisms, such as bacteria, fungi, and protozoa, using organic materials like pulses, rice, etc. Label each model and design a flashcard for each which includes their name, habitat and an interesting fact about the microbe. (Make atleast 2 models).
2. Prepare a pamphlet on a coloured A3 sized sheet to promote “Organic Farming” in order to spread awareness on Good Agricultural Practices.

#### ART INTEGRATION ACTIVITY



**Topic:** “Foods we eat: A comparative study of food and food grains of Delhi, Lakshadweep and Andaman and Nicobar Islands”

**What to do:** Each student has to do a pictorial comparative study of the types of food and food grains consumed by the inhabitants of Delhi, Lakshadweep, Andaman and Nicobar Islands. You can work on any 5 food grains belonging to these places. Record your findings on A4 sized sheets and design a separate handmade folder to keep them. Use your own imagination to do your artistic creative work.

## SOCIAL SCIENCE

- Creative Corner

- 1) Choose a natural resource (like water, coal, or forests). Investigate its journey from its source to its final consumption. Create a visual representation (like a flowchart or an infographic) illustrating this journey, highlighting the different stages involved, the challenges in its management, and sustainable ways to use it.
- 2) Learn and Make Preamble of Indian Constitution on A4 size sheet.
- 3) Learn & Make a flow chart of Fundamental Rights & Duties of citizens under Indian Constitution.
- 4) Make a collage to show how human activities have resulted in the degradation of the environment.
- 5) Identify an environmental issue affecting your local area (e.g., waste management, water pollution, air quality). Develop a “Superhero Plan” with practical and creative solutions to address this issue.

- ART INTEGRATION

“A Day In...” Comic Strip: Create a short comic strip visually depicting a typical day in the life of a person in Delhi versus a person in the Andaman & Nicobar Islands , highlighting the differences in environment, occupation, and lifestyle through illustrations.

## HINDI

1. संज्ञा , सर्वनाम , विशेषण , क्रिया आदि के विभिन्न भेदों के 10-10 उदाहरण लिखिए।
2. विलोम शब्द और पर्यायवाची शब्द की 20-20 शब्दों की सूचि बनाये।
3. अपनी पाठ्य पुस्तक से कोई एक कहानी पढ़िए और उसका सारांश अपने शब्दों में लिखिए।
4. अपने क्षेत्र में पार्क की स्थिति की ओर ध्यान आकर्षित करते हुए नगर निगम के अधिकारी को ई-मेल लिखिए।
5. ट्रॉथपेस्ट कंपनी की ओर से विज्ञापन तैयार कीजिय।
6. एक शब्दकोष बनाये जिसमे आप नए शब्दों का अर्थ और वाक्य प्रयोग लिख सकते हैं।

कला एकीकरण गतिविधि :-

7. दिल्ली और अंडमान निकोबार द्वीप समूह के बीच संबंधों का अन्वेषण कीजिये :-  
ऐतिहासिक व्यापार मार्ग  
सांस्कृतिक आदान-प्रदान

## SANSKRIT

Do Sanskrit homework in Sanskrit notebook

प्रश्न -1 किम् ( सर्वनाम) शब्द रूप तीनों लिंगों मे लिखों तथा याद करों ।

प्रश्न -2 एक से पचास तक संख्यावाची शब्दों को संस्कृत मे लिखों तथा याद करों।

प्रश्न -3 पत् तथा रक्ष धातु रूप पांचों लकार मे लिखों तथा याद करों।

प्रश्न -4 सुभाषितानि या नीति क्षोकाः के किन्हीं दो क्षोकों को चित्र सहित लिखों तथा कण्ठस्थ करों।

प्रश्न -5 अंडमान निकोबार द्वीप समूह का चित्र बनाकर पांच वाक्य संस्कृत मे लिखों।

## COMPUTER

Theme: "Innovations Through Coding & Creativity"

Focus: Art Integration + STEM (Science, Technology, Engineering & Math)

Submission Due: First day after the holidays

Part 1: "*My Dream Tech Gadget*" – Creative Poster + Research

Task:

- Imagine a futuristic tech gadget (e.g., smart glasses, AI backpack, robotic pet).
- Design a poster or digital artwork (using drawing, painting, Canva, PowerPoint, or any other creative medium).
- Include:
  - Gadget name and purpose
  - How it uses computer science (e.g., AI, sensors, coding)
  - Sketch or artistic representation
  - Tagline or jingle for your gadget

 *Art Integration:* Blend sketching, slogans, and design

 *STEM Focus:* Innovation, problem-solving, and tech research

 Part 2: "*Code a Scene in Scratch or Tynker*" – Learn & Apply

Task:

1. Use Scratch (<https://scratch.mit.edu>) or Tynker ([www.tynker.com](http://www.tynker.com)) to create:
  - A mini animation or game based on your gadget idea
  - OR a simple simulation (e.g., AI assistant in a house, robot pet interaction)
2. Take screenshots of your code and output or share the project link.
3. Write a short description (50–100 words) of how your program works.

- 
- STEM Focus:** Computational thinking, logic, coding
- 
- Computer Skills:** Block-based programming, creative digital expression



### Part 3: "Digital Art Meets Algorithms"

Task:

1. Create a geometric pattern or digital artwork using Python Turtle or Scratch Pen Tool.
2. Choose a mathematical concept like:
  - o Symmetry
  - o Fractals
  - o Spirals or tessellations
3. Submit screenshots and code.



### Part 4: Tech & Me – Reflection Journal

Write a short reflection (150–200 words):

- What did you enjoy most about mixing art and technology?
- What was your biggest learning from coding or designing?
- How can computer science make the world better?

## ART / CRAFT

### 1. Pebble Painting

Materials: Smooth stones/pebbles, acrylic paints, brushes

Task: Paint pebbles with fun designs like animals, mandalas, or cartoon faces