

Summer Holiday Homework (2026–27) — Class 8 English

The Social Thinker's Creative Portfolio

TASK 1

The Time-Travel Letter

Write a letter to your **20-year-old self**. Describe your life in 2026 — your favourite song, your summer vibes, and **three big goals** you hope you have achieved by 2034. Think about who you are today and who you want to become. Be honest, be bold, and let your future self be proud of the person writing this letter right now.

 Format: Formal or informal letter | Minimum 200 words



TASK 2

Jharkhand's Modern Myth

Read a local folk tale from **Jharkhand** — such as a story of Sarna spirits, the legend of Birsa Munda, or a Santhali tale. Now, **rewrite the ending** as if it happened in a modern city with smartphones, high-speed trains, and social media. Blend tradition with technology! Explore how ancient wisdom holds meaning even in today's fast-changing world.

 Format: Short story | Minimum 250 words | Include original tale title

TASK 3

The Podcast Blueprint

Script and record a **3-minute mini-podcast** on a topic you love — sports, gaming, environment, music, or anything that excites you! Focus on using **Persuasive Devices** (rhetorical questions, repetition, statistics, and emotive language) to keep your listeners hooked. Submit both your written script and a voice recording via the class WhatsApp group.

 Format: Written script + Audio recording | Topic of your choice



"Your voice matters and your ideas are powerful. Have an inspiring summer break!"



कक्षा ८ - ग्रीष्मकालीन गृहकार्य (Holiday Homework)

विषय: हिंदी | अध्याय: 'स्वदेश' और 'दो गौरैया'

भाग 1: अनुभवात्मक और रचात्मक कार्य



*गौरैया के लिए कोशिश: 'दो गौरैया' पाठ से प्रेरित होकर, अपने घर की छत या बालकनी में एक छोटे बर्तन में पानी और दाना रखें। 3 दिनों तक पक्षी के आने-जाने और उनके व्यवहार का निरीक्षण करें और एक को छोटी सी निरीक्षण डायरी तैयार करें।

भाग 2: आलोचनात्मक चिंतन

*स्वदेश के प्रति कर्तव्य: 'स्वदेश' पाठ की भावना को समझते हुए, अपने शब्दों में लिखें कि 'एक नागरिक के रूप में हम अपने देश, यहाँ की प्रकृति और जीव-जंतुओं की सुरक्षा में क्या योगदान दे सकते हैं?' (लगभग 100-150 शब्दों में लिखें)।

भाग 3: भाषा और व्याकरण कौशल

*शब्द ज्ञान: दोनों पाठों में से कोई ५-५ ऐसे शब्द चुनें जो आपको नए लगे। उनके पर्यायवाची और विलोम शब्द लिखें और उन्हें अपने वाक्य में प्रयोग।

Word	Synonym	Antonym	Sentence

भाग 4: कला एकीकरण

*पोस्टर निर्माण: गौरैया के संरक्षण और प्रकृति के महत्व को दर्शाता हुआ एक सुंदर पोस्टर A4 साइज शीट पर बनायें। इस पर एक आकर्षक नारा (Slogan) भी लिखें।



कक्षा अष्टमी – संस्कृतम्

दीपकम्

Holiday
Homework

(पाठ 1 – संगच्छध्वं संवदध्वम्, पाठ 2 – अल्पानामपि वस्तूनां संहतिः कार्यसाधिका)

ग्रीष्मांवकाशगृहकार्यम् (Competency Based)



1 आत्मप्रस्तुति (Self Expression)

“संगच्छध्वं संवदध्वम्” इति विषयम्
आधृत्य 5-6 वाक्यानि संस्कृते लिखत ।
चित्रं अपि अङ्कयतु ।



2 शब्दज्ञानम् (Vocabulary Skill)

पाठ 1 एवं 2 मध्ये प्राप्तान् 10 नवीन शब्दान् लिखत,
तेषां अर्थं च हिन्दी/अङ्ग्लभाषायां लिखत ।



शब्दः	अर्थः (हिन्दी)	अर्थः (English)
1.		
2.		
3.		
...		
10.		

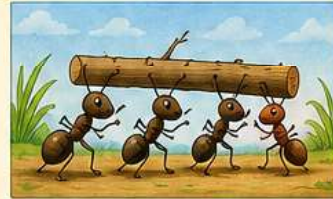
3 सुभाषितचिन्तनम् (Value Understanding)

पाठ 1 अथवा पाठ 2 मध्ये निहितं किञ्चित् एकं प्रमुखं
सन्देशवाक्यं चययन् कृत्वा—
(क) तस्य अर्थं लिखत ।
(ख) तस्य जीवनोपयोगितां 3-4 वाक्येषु लिखत ।



4 चित्राधारितकार्यं (Creative Skill)

“सहयोगस्य महत्त्वम्” अथवा “अल्पानामपि वस्तूनां
संहतिः कार्यसाधिका” इति विषययोः एकं विषयं
चित्वा चित्रं निर्माय, तस्य विषये 4 संस्कृतवाक्यानि लिखत ।



1. _____
2. _____
3. _____
4. _____

5 अनुप्रयोगात्मकप्रश्नाः (Application Based)

(क) समूहे कार्यं कर्तुं कीदृशाः गुणाः आवश्यकाः ? 3 वाक्यानि लिखत ।
(ख) “अल्पानामपि वस्तूनां संहतिः कार्यसाधिका” इत्यस्य अर्थं उदाहरणसहितं लिखत ।
(ग) त्वं स्वजीवने समूहकार्यं (Team Work) कथं करोषि ?



6 पठन-लेखनकौशलम् (Reading & Writing Skill)

प्रतिदिनं एकं सुभाषितं पठित्वा, तस्य अर्थं लिखत तथा च स्वस्य वाक्येषु
तस्य प्रयोगं कुरुत । (कुल 5 सुभाषितानि)



विशेषनिर्देशाः –

स्वच्छलेखनं
कुर्वन्तु ।



चित्राणि
आकर्षकाणि
भवन्तु ।



समयस्य पालनं
कुर्वन्तु ।



कार्यं स्वयमेव
करोतु ।

शुभम्
भवतु !

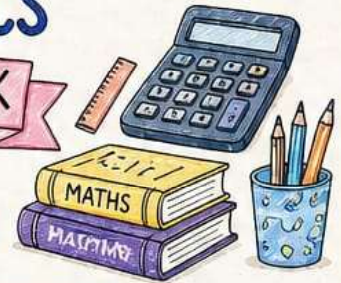
CLASS 8 - MATHEMATICS

SUMMER HOLIDAY HOMEWORK

MAY - JUNE 2026

Think • Solve • Learn • Apply • Excel

Maths is not just numbers, it's a way of thinking!



SECTION A - NUMBER SYSTEM

1. Task 1: Number Exploration

Write any 10 numbers (up to 1,00,00,000).

For each number:

- ★ Write number name
- ★ Write expanded form
- ★ Find place value of any one digit

T	L	TTh	Th	H	T	O
2	3	5	7	4	8	6

Expanded form:

$$2,00,00,000 + 30,00,000 + 5,00,000 + 70,000 + 4,000 + 800 + 6$$

2. Task 2: Rational Numbers

Perform operations:

- ★ Addition
- ★ Subtraction
- ★ Multiplication
- ★ Division

$$\frac{2}{3} + \frac{1}{6} = ?$$

SECTION C - ALGEBRA

5. Task 5: Algebraic Expressions

Simplify expressions.

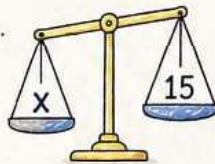
- ★ $3x + 5y - 2x + y$
- ★ $4a - 3b + 2a - b + 6$

$$2x + 3y$$

6. Task 6: Linear Equations

Solve linear equations in one variable.

- ★ $3x + 7 = 22$
- ★ $5(x - 4) = 15$
- ★ $7x - 9 = 26$



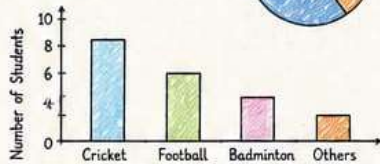
SECTION E - DATA HANDLING

9. Task 9: Data Collection

Collect data on any one topic (e.g., favourite sports of your friends).

Represent the data using:

- ★ Bar Graph
- ★ Pie Chart



SECTION G - THINKING SKILLS

12. Task 12: Word Problems

Solve real-life based problems.

Examples:

- ★ A shopkeeper bought 40 items at ₹25 each and sold at ₹35 each. Find his profit.
- ★ The perimeter of a rectangular field is 220 m. If its length is 65 m, find its breadth.

13. Task 13: Puzzles & Patterns

Solve the number puzzles.

Examples:

- ★ Find the next number: 2, 6, 12, 20, 30, ?

- ★ Create your own pattern and let your friends solve it.



SECTION B - OPERATIONS

3. Task 3: Squares & Cubes

Find squares and cubes of numbers from 1 to 20.

$$5^2 = 25$$

$$5^3 = 125$$

4. Task 4: Simplification

Solve expressions using BODMAS.

$$18 \div 3 + 4 \times 2 - 5 = ?$$

BODMAS

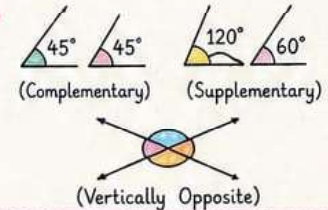
- B - Brackets
- O - Of
- D - Division
- M - Multiplication
- A - Addition
- S - Subtraction

SECTION D - GEOMETRY

7. Task 7: Lines & Angles

Draw and label:

- ★ Complementary angles
- ★ Supplementary angles
- ★ Vertically opposite angles



8. Task 8: Quadrilaterals

Draw the following types of quadrilaterals and write their properties.



Square



Rectangle



Parallelogram



Trapezium

SECTION F - REAL LIFE MATHS

10. Task 10: Profit & Loss

Prepare examples based on:

- ★ Profit
- ★ Loss
- ★ Discount



11. Task 11: Budget Planning

Plan a weekly or monthly budget.

Include:

- ★ Income
- ★ Expenses
- ★ Savings



SECTION H - PROJECT WORK

14. Task 14: Maths Scrapbook

Make a scrapbook including:

- ★ Important formulas
- ★ Algebra concepts
- ★ Graphs
- ★ Real-life applications



15. Task 15: Maths Around Me

Observe and write:

- ★ Use of maths in daily life
- ★ Shapes and patterns around you



SUBMISSION GUIDELINES

- ✓ Maintain a neat and well-organized notebook or file.
- ✓ Show all steps clearly.
- ✓ Use diagrams and colours.
- ✓ Submit after the holidays.

Remember!

- ♥ Practice daily
- ♥ Be curious
- ♥ Stay consistent
- ♥ Enjoy learning maths!



WHY THIS HOMEWORK IS SPECIAL

- ★ Builds strong mathematical foundation
- ★ Enhances logical reasoning
- ★ Applies maths in real life
- ★ Makes learning fun and meaningful



LET'S MAKE THIS SUMMER PRODUCTIVE AND FUN WITH MATHS!

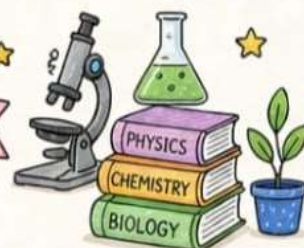
Curiosity
leads to
Discovery!

CLASS 8 - SCIENCE

SUMMER HOLIDAY HOMEWORK

MAY - JUNE 2026

Observe • Explore • Experiment • Understand
Science is Fun!



SECTION A - OBSERVATION & ANALYSIS

1. Task 1: Science Around Me

Observe your surroundings and list:

- ★ 8 natural things
- ★ 8 man-made things



2. Task 2: Daily Science Diary

Write daily:

- ★ Weather conditions
- ★ One scientific observation
- ★ One question based on observation



SECTION B - LIVING WORLD

3. Task 3: Plant Growth Study

Observe a plant for 10 days.

Record:

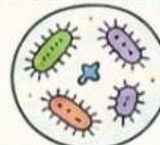
- ★ Growth changes
- ★ Leaf pattern
- ★ Watering schedule



4. Task 4: Microorganisms

Write short notes on:

- ★ Useful microorganisms
- ★ Harmful microorganisms



SECTION C - EXPERIMENTS

5. Task 5: Home Experiments

Perform and record the experiments:

- ★ Separation of substances
- ★ Filtration / Evaporation



For each experiment write:

- ★ Aim
- ★ Materials Required
- ★ Procedure
- ★ Observation
- ★ Conclusion



6. Task 6: Force & Pressure

Observe and note examples of force and pressure from your daily life.



SECTION D - ENVIRONMENT

7. Task 7: Conservation

Write ways to conserve:

- ★ Water
- ★ Electricity



8. Task 8: Pollution Study

Identify different types of pollution.

Write:

- ★ Causes
- ★ Effects
- ★ Solutions



SECTION E - SCIENCE IN DAILY LIFE

9. Task 9: Uses of Science

Write uses of science in:

- ★ Kitchen
- ★ Transport
- ★ Communication



10. Task 10: Energy Sources

List:

- ★ Renewable sources
- ★ Non-renewable sources

Give examples and uses.



SECTION F - THINKING SKILLS

11. Task 11: Reasoning Questions

Answer the following:

- ★ Why do metals expand on heating?
- ★ Why is air important for life?



Think
Observe
Reason
Discover

12. Task 12: Science Quiz

Prepare 12 interesting questions based on science concepts and daily life.



SECTION G - CREATIVE ACTIVITIES

13. Task 13: Poster Making

Make a colourful poster on:

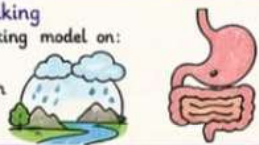
- ★ Save Environment
- ★ Save Energy



14. Task 14: Model Making

Make a working / non-working model on:

- ★ Water cycle
- ★ Human digestive system



SECTION H - PROJECT WORK

15. Task 15: Science Scrapbook

Make a scrapbook including:

- ★ Diagrams
- ★ Experiments
- ★ Amazing facts
- ★ Interesting information



16. Task 16: Science Around Me

Observe and write:

- ★ Science in kitchen
- ★ Science in home appliances



SUBMISSION GUIDELINES

- ✓ Maintain a neat and well-organized file.
- ✓ Use diagrams, labels and colours.
- ✓ Write observations clearly.
- ✓ Submit after holidays.

Remember!

- ♥ Be curious
- ♥ Be creative
- ♥ Be consistent
- ♥ Enjoy learning Science!



WHY THIS HOMEWORK IS SPECIAL

- ♥ Helps you think scientifically
- ♥ Builds curiosity and confidence
- ♥ Connects science with real life
- ♥ Encourages learning by doing
- ♥ Makes learning meaningful and fun!



EXPLORE TODAY... DISCOVER TOMORROW... CREATE A BETTER FUTURE!



CLASS 8 – SOCIAL SCIENCE

CHAPTER – RESOURCES



1. WHAT IS THE CONNECTION BETWEEN RESOURCES AND DIFFERENT ASPECTS OF LIFE?

Resources are the foundation of our life. Different resources are required to make our lives comfortable and fulfil our needs.

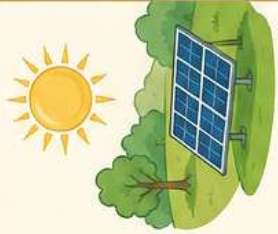


2. WHAT ARE RENEWABLE RESOURCES? WHAT ARE THE POSSIBLE WAYS OF THEIR CONSERVATION?

Resources that can be replenished or replaced by natural processes in a short period of time are called renewable resources.

Examples: Air, water, sunlight, soil, forests, wildlife.

- Conservation of renewable resources:**
- Afforestation and reforestation
 - Rainwater harvesting
 - Reduce, reuse and recycle
 - Wise and judicious use of resources



3. WHAT ARE NON-RENEWABLE RESOURCES? WHAT ARE THE CHOICES OR INDICATORS FOR THEIR SUSTAINABLE USE?

Resources that cannot be replenished or replaced by natural processes in a short time are called non-renewable resources.

Examples: Coal, petroleum, natural gas, minerals.

Indicators (choices) for their sustainable use:

- Use them carefully and in limited amounts
- Develop alternative resources
- Recycle and reduce wastage
- Plan for future needs



4. WHAT DO YOU THINK ARE THE DIFFERENT INPUTS REQUIRED TO ENABLE THE USE OF THE DIFFERENT GEOGRAPHICAL RESOURCES IN A DIFFERENT GEOGRAPHICAL AREA?

Different inputs are required to use resources in a specific geographical area.

These inputs include:

- **Human resource** – People who plan and manage the resources
- **Physical resource** – Tools, machinery, technology
- **Knowledge and skills** – Scientific knowledge, techniques and experience
- **Capital** – Money required for development and infrastructure
- **Land and infrastructure** – Transport, communication, electricity, storage, etc.



5. HOW DID FOREIGN INVASIONS IMPACT THE NATURAL RESOURCE BASE DURING DIFFERENT PERIODS?

Foreign invasions affected India's resources and political boundaries.

- Invaders controlled rich resources like land, minerals, forests and trade routes.
- Many changes took place in the use of resources.
- Some resources were overused or exploited for their own benefit.



6. EXPLAIN FIVE ECOSYSTEMS THAT SERVE HUMAN BEINGS.

Ecosystems are the natural system where living organisms interact with each other and with their environment. They provide us with many things we need.

1. **Forests** – Provide timber, fuel, fruits, medicines, and habitats for wildlife.
2. **Grasslands** – Provide fodder for animals, support wildlife.
3. **Deserts** – Provide minerals, isolated flora and fauna.
4. **Wetlands** – Provide water, fish, support biodiversity.
5. **Marine Ecosystem** – Provide fish, salt, seaweeds, and regulate climate.



Forests



Grasslands



Deserts



Wetlands



Marine Ecosystem

7. COMPARE THE POLITICAL STRATEGIES OF THE DELHI SULTANATE AND THE MUGHALS. WHAT SIMILARITIES AND DIFFERENCES EXISTED BETWEEN THEM?

	Delhi Sultanate	Mughals
Similarities	• Both ruled large territories • Both had strong central administration • Both had armies to maintain control	• Both ruled large territories • Both had strong central administration • Both had armies to maintain control
Differences	• Sultanate rulers were mostly Turkish and Afghan • Often faced rebellions from nobles • Focus more on military control	• Mughal rulers were mostly Persian and Central Asian • Better relations with nobles • Focus on administration, culture and economy



CLASS 8 – ART EDUCATION

HOLIDAY HOMEWORK

EXPLORE YOUR CREATIVITY!



1. DRAWING

Draw and colour:
Landscape / City scene



2. POSTER MAKING

Make a poster on:
Environmental Protection / Clean India



3. COMPOSITION DRAWING

Draw a scene showing:
Market / Festival / School activity



4. CRAFT WORK

Make one "Best out of Waste" item:
Decorative item / Utility object



5. TRADITIONAL ART

Create any one:
Madhubani / Warli / Gond painting



6. CLAY MODELLING

Make:
Human figure / Animal model



7. ART APPRECIATION

Write 5–6 lines on any Indian artist or art form



About Raja Ravi Varma

Raja Ravi Varma was a great Indian painter. He was born on 29 April 1848. He is famous for his beautiful paintings of gods, goddesses and scenes from Indian epics. His paintings are very realistic and full of details. He used oil colours in his paintings. His works are still loved and admired by people. He is truly a legend in Indian art.



INSTRUCTIONS

- ★ Do your work neatly in the art file.
- ★ Use colours properly.
- ★ Be creative and original.
- ★ Complete all the tasks.
- ★ Enjoy learning and have fun!



Class 8 AI Holiday Homework

AI in Daily Life

Identify any three applications of Artificial Intelligence you use in daily life. Explain how they make work easier for humans.

Problem Solving with AI

A school wants to use AI to improve student learning. Suggest one AI-based solution and explain how it can help students and teachers.

Ethical Use of AI

Imagine an AI robot is used in hospitals. What are two advantages and two risks of using AI in healthcare?

Human vs AI

Compare humans and AI systems in decision-making. Give one example where humans are better and one where AI is better.

AI and Future Careers

Some people think AI will replace jobs, while others think it will create new opportunities. Write your opinion in 4–5 lines with reasons.

HOLIDAY HOMEWORK (SUMMER VACATION)

Subject: **Vocational Education (Class 8)**

Theme: Becoming Independent and Responsible

Instructions

Complete the following tasks and Write about each activity in 4-5 lines in your V.E notebook and stick some photos of doing each activity.

1. Cleanliness

Clean your study space and organize books/clothes

2. Basic Cooking

Prepare any 1-2 simple dishes (eg, sandwich, fruit chat, salad and sprouts). Write the recipe and paste/draw pics

3. Digital Literacy

Learn to open, save, and type a document in MS Word or Google Docs

Make notes - Including the works- gardening, cleanliness, cooking

4 Complete VE notebooks.