



Holiday Homework
Grade VIII
Session 2026-27

Reconnect with your Inner Self

Dear Parents,

Jai Hind!

At Mayor World School, we believe that education is a blend of academics, values, and innovation.

The holiday homework has been thoughtfully designed to unleash children's creativity and keep them meaningfully engaged in the spirit of learning. Moreover, the summer guidelines are simple yet meaningful steps to nurture empathy and responsibility. By encouraging each child to pursue an artistic activity of choice, we aim to foster joy in self-expression, reflection, and sharing.

With your support, these practices will help our students grow into compassionate, responsible, and imaginative individuals.

Summer Guidelines

- ✓ Keep Water Containers.
- ✓ Place clean water container outside your homes to help stray animals and birds stay cool and hydrated during the hot weather.
- ✓ Stay hydrated.
- ✓ Drink plenty of water throughout the day. Carry a water bottle whenever you go out.

Extend empathy

- ✓ Be kind to people, animals, and the environment. Small acts of care - like feeding birds or helping neighbours - make a big difference.
- ✓ Avoid wastage
- ✓ Use resources wisely. Do not waste food, water or electricity.
- ✓ Protect yourself.
- ✓ Wear light cotton clothes, use sunscreen, and avoid going out in the scorching midday sun.

Mandatory Activity

Awaken your Inner Artist

During the summer holidays, each student is expected to engage in one creative activity of their choice - such as painting, music, singing, dance, craftwork, or any other area that interests them.

Paste a picture of yourself doing the activity chosen in your English notebook. Bring your creative work to the School to show to your Grade In charge after the vacation (if singing and dancing chosen then record and bring in a pen drive).

Warm regards,

Mayor World School

“Summer is a time to rest, recharge, and explore new worlds — through pages, stories, and imagination.”

ENGLISH

Project Work: “The Canterville Ghost – A Blend of Mystery, Humour and Art”



General Instructions

- * Use an A4 scrapbook/file.
- * The project must be neat, colourful and creative.
- * Include drawings, sketches, borders, paintings or digital art.
- * Use recyclable/decorative material wherever possible.
- * Mention Name, Class, Section and Roll Number on the cover page.

Task 1 – About the Author



Write a short biography of Oscar Wilde.

Art Integration:

- * Draw or paste a portrait of Oscar Wilde.
- * Decorate the page using Victorian-style borders/designs

Task 2 – Character Sketches (180-200 words)

A. Write character sketches of any two characters:

- Sir Simon
- Virginia Otis
- Mr. Otis

Design “Character Trading Cards” mentioning:

- Traits
- Strengths

- Famous dialogue
- Symbol representing the character

Task 3: Interview the Ghost

Imagine you have been granted an exclusive, late-night interview with the legendary Sir Simon de Carterville.

Guidelines:

Format: Write in a clear, theatrical script format (Interviewer vs. Sir Simon).

Quantity: Prepare exactly 8 to 10 thought-provoking questions along with Sir Simon's highly characteristic, dramatic answers.

Tone: Maintain the distinct Victorian flair

II. GRAMMAR WORKSHEET

Instructions:

- Paste the worksheet neatly in your English notebook.
- Solve all the questions of the worksheet in the notebook.

SUBJECT – VERB AGREEMENT

I. Fill in the blanks with the correct verbs.

1. Watching documentaries on weekends _____ an educational pastime. (are, is)
2. Bread and Butter _____ the only meal available at the tavern tonight. (is, are)
3. Either the teacher or the students _____ organising the classroom decorations. (is, are)
4. Ten miles _____ a gruelling distance to run without water. (is, are)
5. Neither the keys nor the wallet _____ found inside the car. (were, was)

II. Fill in the blanks with the correct form of the given verbs.

1. Vikram _____ currently preparing for his final music examination. (be)
2. Each of these old photographs _____ been carefully preserved in an album. (have)
3. My uncle believes physics _____ a fascinating field of study. (be)
4. The principal was glad to see that the number of volunteers participating in the drive _____ increased significantly. (have)
5. Priya as well as her co-workers _____ attending the annual seminar tomorrow. (be)

NON -FINITE VERBS

I. Complete the sentences using the present, past, or perfect participle form of the given verbs.

1. The _____ winds howling through the canyon kept the campers awake all night. (buffet)
2. Through the telescope, the astronomer observed a _____ star collapse into a black hole. (die)
3. The _____ diplomat refused to make any further comments until he spoke with the Prime Minister. (disgrace)
4. _____ all the data points meticulously, the research team finally began drafting their thesis. (analyse)
5. The _____ audience erupted into a standing ovation the moment the symphony concluded. (enthral)
6. _____ with the CEO on prior campaigns, the marketing director instinctively knew her preferences. (collaborate)
7. The _____ marathon runner collapsed across the finish line, completely drained of energy. (deplete)
8. _____ her homework early, Jiya went out to play. (finish)
9. The archaeologists discovered a _____ chest buried deep beneath the palace ruins. (forget)
10. _____ her keys in the office, Arunima had to wait in the cold for her roommate to arrive. (leave)

II. Identify the gerunds and present participles in these sentences.

1. Swimming is a very good exercise for health.
2. I saw a barking dog near the gate.
3. Cooking dinner takes a lot of time.
4. The children were playing in the garden.
5. He loves reading comic books.

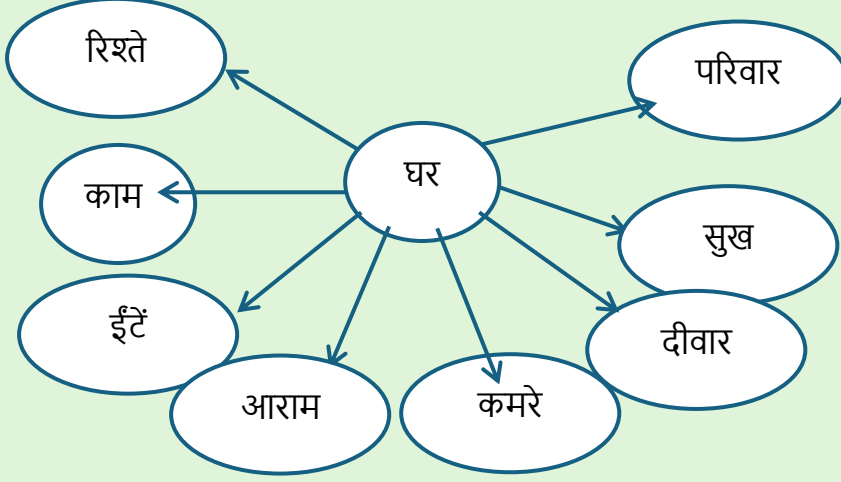
III. Identify the non-finite verb in each sentence and state whether it functions as an adjective, adverb or noun.

1. The girl dancing gracefully is my sister.
2. Having completed the project, the team celebrated.
3. Swimming is considered one of the best exercises.
4. The letter written by him was heartfelt.
5. To succeed requires determination and patience.

HINDI

1. आओ खेलें शब्द जाल का खेल

किसी एक शब्द को बीच में लिखिए और उससे जुड़े कम से कम 10 शब्द चारों ओर लिखिए। आपकी सुविधा के लिए नीचे एक उदाहरण दिया गया है:-



2. पाठ हरिद्वार में से शब्द खोजिए और नीचे दिए गए रिक्त स्थानों में लिखिए-

1. एक मसाले का नाम
2. कपास से जुड़ा एक शब्द
3. जहाँ स्नान होता है
4. वृक्ष के किसी अंग का नाम
5. एक नगर या तीर्थ का नाम
6. व्यापार से जुड़ा स्थान
7. एक नदी का नाम
8. एक पर्वत का नाम
9. एक धार्मिक ग्रंथ का नाम

3. 'हितोपदेश' सैकड़ों साल पहले लिखी गई कहानियों की एक ऐसी पुस्तक है जो आज भी विश्व में मनोरंजन और ज्ञान प्राप्त करने के उद्देश्य से पढ़ी-पढ़ाई जाती है। उसमें से एक अपनी मनपसंद कहानी कहानी पढ़कर उससे मिलने

PUNJABI

1. ਤੁਸੀਂ ਆਪਣੇ ਭਗਵਾਨ/ ਪਰਮਾਤਮਾ ਦਾ ਕਿਹੜੀਆਂ ਗੱਲਾਂ ਲਈ ਸ਼ੁਕਰ ਕਰਦੇ ਹੋ, ਉਸ ਬਾਰੇ ਅੱਠ ਤੋਂ ਦਸ ਸਤਰਾਂ ਆਪਣੀ ਕਾਪੀ ਵਿੱਚ ਲਿਖੋ।
2. ਕਿਸੇ ਬਿਰਧ ਆਸ਼ਰਮ ਜਾ ਕੇ ਬਜ਼ੁਰਗਾਂ ਕੋਲ ਬੈਠ ਕੇ ਗੱਲਬਾਤ ਕਰੋ ਤੇ ਤੁਸੀਂ ਇਸ ਗੱਲਬਾਤ ਦੌਰਾਨ ਜ਼ਿੰਦਗੀ ਦੀ ਸਚਾਈ ਬਾਰੇ ਕੀ ਸਿੱਖਿਆ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।
3. ਸਾਰੇ ਛੁੱਟੀਆਂ ਵਿੱਚੋਂ ਕੋਈ ਦੋ ਦਿਨ ਮੇਬਾਈਲ ਫੋਨ ਤੋਂ ਬਿਨਾਂ ਜਾਂ ਮਨੋਰੰਜਨ ਨਾਲ ਸੰਬੰਧਤ ਉਪਕਰਣ ਤੋਂ ਬਿਨਾਂ ਬਤੀਤ ਕਰੋ ਤੇ ਆਪਣੇ ਅਨੁਭਵ ਨੂੰ ਪੰਜ -ਸੱਤ ਸਤਰਾਂ ਵਿੱਚ ਸਾਂਝੇ ਕਰੋ।

MATHEMATICS

General instructions

- Do the revision worksheet in separate thin notebook.
- Attempt all the questions neatly and in serial order.

Practice worksheet

1. The multiplicative inverse of 25^{-1000} is
(a) 25^{-100} (b) -25^{1000} (c) 25^{1000} (d) -25^{100}
2. Which of the following is correct?
(a) $n^a \times n^b = n^{ab}$ (b) $(n^a)^b = n^{a+b}$ (c) $n^a + n^b = n^{a-b}$ (d) $n^0 = 1$
3. Value of $\{a^2 \times a^3 \times a^{-5}\}^{-2}$ -----
4. Write the following numbers in the usual form: 8.37×10^{-9}
5. The diameter of a wire in a computer chip is 0.00003m. If 250 such wires are tightly packed in a cylinder, express the diameter of the cylinder in the standard form using exponential form.
6. Calculate the missing value of “x” in the following expression:
$$\left(\frac{11}{9}\right)^3 \times \left(\frac{11}{9}\right)^{-3} \times \left(\frac{11}{9}\right)^2 = \left(\frac{11}{9}\right)^{x-1}$$
7. Simplify:
$$(a) \quad (3)^{-3} \times \left(\frac{1}{3}\right)^{-5} \times \left(\frac{1}{3}\right)^{-2} \quad (b) \quad \frac{(-7)^2 \times (-3)^4}{(6)^2} \quad (c) \quad \left(\frac{-5}{4}\right)^3 \times \frac{-1}{25} \times \left(\frac{8}{5}\right)^2.$$
8. Find the value of x and y such that $5^x = 125$ and $7^y = \frac{1}{343}$. Hence, evaluate the expression $(x-y)^{x+y}$.
9. Find the square root of 1,83,184 by using the prime factorization method.
10. Find the smallest whole number by which 25200 should be multiplied so as to get a perfect square. Also find the square root of the number so obtained.
11. By what natural number should 137592 be multiplied to make it a perfect cube? Also find the cube root of the number so obtained.
12. The number of non-square numbers lying between 40^2 and 41^2 is-----
13. Number which is both a perfect square and a triangular number is _____, _____,
14. Find the value of 116^2 , if $115^2 = 13225$.

15. Find the value of the $35^3 - 34^3$ without calculating the cubes.
16. Write two taxicab numbers. Find the two ways in which each of these can be expressed as the sum of two positive cubes.
17. Three numbers are in the ratio 2:3:4. The sum of their cubes is 33957. Find the numbers.
18. What will be the unit digit of 2^{153} ?
19. Priya is choosing an outfit for a festival. She has 5 kurtas, 3 dupattas, and 6 pairs of sandals. She wants to wear one of each. How many different outfits can she make?
20. How many combinations of a valid 6-digit number can be formed?
21. Evaluate

(i)
$$\frac{25 \times a^{-4}}{5^{-3} \times 10 \times a^{-8}}$$

(ii)
$$\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$$

22. Simplify

(i)
$$\left\{ \left(\frac{1}{3} \right)^{-3} - \left(\frac{1}{2} \right)^{-3} \right\} \div \left(\frac{1}{4} \right)^{-3}$$

(ii)
$$(3^2 - 2^2) \times \left(\frac{2}{3} \right)^{-3}$$

(iii)
$$\left\{ \left(\frac{1}{2} \right)^{-1} \times (-4)^{-1} \right\}^{-1}$$

(iv)
$$\left[\left\{ \left(\frac{-1}{4} \right)^2 \right\}^{-2} \right]^{-1}$$

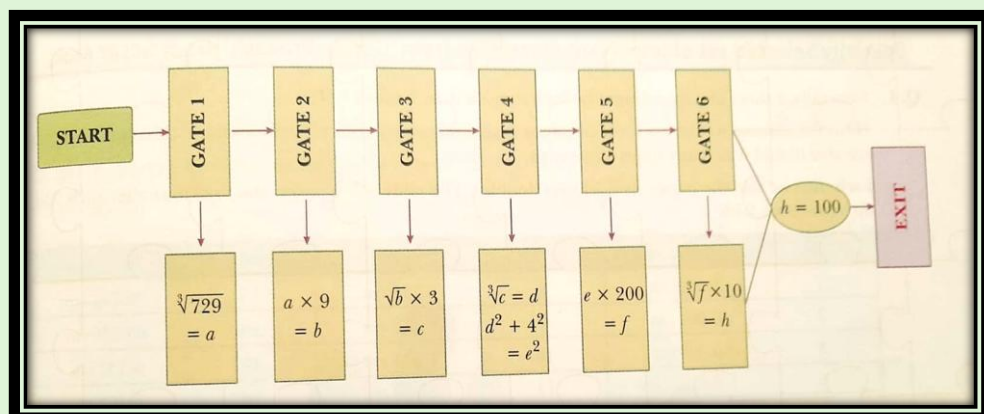
(v)
$$\left\{ \left(\frac{2}{3} \right)^2 \right\}^3 \times \left(\frac{1}{3} \right)^{-4} \times 3^{-1} \times 6^{-1}$$

PUZZLE TIME

Puzzle A

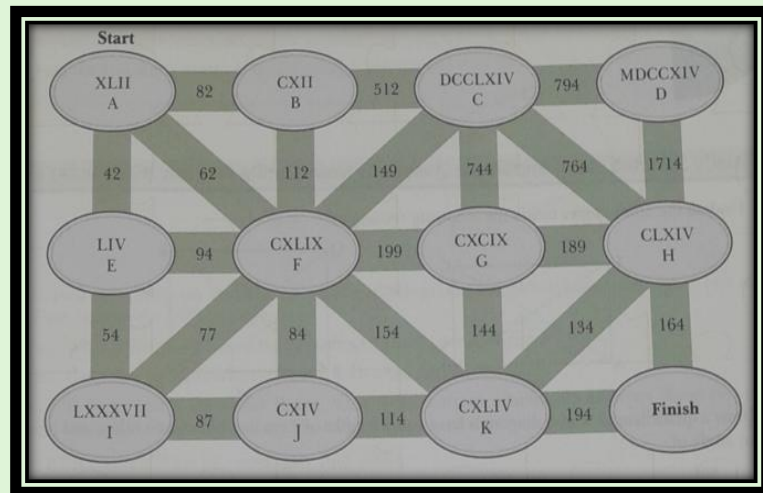
Number Maze

- You're trapped in a number maze! Only perfect squares and cubes open the next gate.
- Move through the gates by calculating correctly.
- If your number isn't perfect, go back to Start and try again!



Puzzle B

Use your answer to guide you to the end of the maze and write the path followed.



Puzzle C



The Candle Countdown Math Challenge

The Story:

Miss Lopez lights a brand new 30-centimeter tall candle in her classroom. She notices that the candle gets smaller by exactly 2 centimeters every hour.

Your Tasks:

Fill in the Pattern: If the candle starts at 30 cm, how tall will it be after 1 hour? After 2 hours? After 3 hours?

Find the Height: Use your pattern to figure out how tall the candle will be after 6 hours of burning.

The Big Freeze: If she leaves it burning, how many total hours will it take for the candle to melt completely to 0 centimeters?

SCIENCE

This holiday season, become a young nutrition expert!

Prepare a healthy homemade snack that has a good shelf life and can stay fresh for several days. Through this activity, you will learn about nutrition, food preservation, hygiene and healthy eating habits.

Activity: Prepare a Pictorial Recipe Card for a healthy homemade snack

1. Prepare one healthy snack at home.

Examples: Baked Oat Cookies, Dry fruit Ladoo, Seeds Panjiri, Granola bars etc.

2. Your snack should:

- * Be nutritious and healthy
- * Contain easily available ingredients
- * Have a good shelf life

3. Record the following details in your recipe card:

NAME OF THE SNACK

- INGREDIENTS USED
- STEP-BY-STEP PREPARATION METHOD
- NUTRITIONAL BENEFITS
- ESTIMATED SHELF LIFE



4. Present your recipe card neatly and creatively.

5. Note the below given questions in your biology notebook and answer them:

- i) Why are homemade snacks healthier than packaged snacks?
- ii) How does proper storage of homemade snacks increase their shelf life?
- iii) Which healthy ingredient did you use in your snack?
- iv) Name some natural preservatives.
- v) What is fermentation? Name some products that can be prepared by the above method.
- vi) State any two myths for healthy food.
- vii) What is glucose spike?
- viii) Suggest two healthy lifestyle habits that you would suggest for yourself and your loved ones.
- ix) Why are Millets said to be “Super food”?
- x) Who is the Millet Man of India?

****** HEALTHY HABITS BEGIN WITH MINDFUL CHOICES ******

SOCIAL SCIENCE

We have designed your Social Science Holiday Homework to help you learn creatively while exploring our rich culture and important life skills. Please complete all tasks neatly in your notebook.

1. Create a Caricature

Topic: Impact of increase in Fuel Prices on People

Draw a caricature/cartoon showing how rising fuel prices affect common people.

Ideas for reference:

- limited Petrol availability
- Increase in transport fares
- People using bicycles or walking
- Effect on vegetable and grocery prices
- A worried middle-class family
- Delivery services charging more
- Strike by gig workers

You can also add a caption.

2. Map Practice

Political Map of India

On an outline political map of India:

- Mark all 28 states
- Write and label their capitals

EXAMPLE

State	Capital
Haryana	Chandigarh
Rajasthan	Jaipur
Punjab	Chandigarh
Maharashtra	Mumbai

Use different colours for better presentation.

3. Current Affairs Journal

Collect and summarise 10 important National/International News/Events.

- Date of the news
- Headline
- Short summary (4–5 lines)
- Newspaper cutting or picture (optional)

Topics You May Include

- Science and technology
- Sports events

- Elections
- Space missions
- Environment and climate
- International relations
- Awards and achievements
- Any other important headline

Sample Format

Date	News Headline	Summary
18 May 2026	Trade, energy and global conflicts at top agenda during PM's Norway visit	India and Norway are expected to announce three government to government MoUs. MoUs will focus on health, cooperation, digital infrastructure and space ties.

NOTE:

- Attempt all the work on Social science notebook.
- Readymade work will lead to deduction of subject enrichment marks.

FRENCH

BONJOUR LES ENFANTS!

Get ready for a fun French holiday adventure!

Complete the activities neatly and creatively in a separate scrapbook/file.

Instructions:

- Use colours, sketches and stickers/printouts.
- Write neatly.
- Decorate cover and each page creatively.
- Mention your **Name, Class & Section** on the cover page.

Activity 1: La France Mini Book

Make a small booklet on **France** including:

- Capital of France
- Famous monuments
- Famous cheeses
- French currency
- Neighbouring countries
- 5 French cities
- French flag

Add pictures/drawings and write 1 sentence for each.

Activity 2: *Le Tableau des Verbes* (The Verb Chart)

✦ Instructions:

Make a colourful **French Verb Chart** on an A3 sheet/chart paper.

- Write **15 French verbs** from Leçon 0 & 1.
- Instead of writing the English meanings, draw or paste a **picture/sketch** showing the action of the verb.
- Decorate your chart creatively with borders, colours and stickers.

✎ Example:

Verbe Drawing Idea

manger 🍕 child eating pizza

écrire ✍️ person writing

Activity 3 : Make a crossword using French vocabulary.

Activity 4: On the physical map of France. Draw the following.

- Capital of France
- 5 other cities of France
- Rivers of France
- Monuments of France
- Toulouse