

Lt. Col. MEHAR LITTLE ANGELS SR. SEC. SCHOOL

SUMMER HOLIDAY HOMEWORK

CLASS VIII (2026-27)

ENGLISH

General Instructions:

1. Do your holiday homework in a separate notebook.
2. Prepare a magazine in a spiral notebook. A neat and attractive cover page is mandatory.
3. All work should be neat, well-labelled, and written in clear handwriting.
4. Use blue/black ink for writing and pencil/colours for drawings, borders, and headings.
5. Maintain proper margins on each page.
6. Begin each question or activity on a new page with a proper heading.
7. Avoid overwriting and keep your work clean and presentable.
8. Paste pictures neatly and label them properly.
9. Ensure correct spelling, grammar, and punctuation.
10. Be creative in your presentation (use colours, borders, and designs appropriately).
11. Complete all tasks independently.
12. Submit your work on time. Late submission may affect your grades.
13. Keep your notebook and magazine well-covered and properly maintained.

Homework Tasks:

1. Complete Worksheets 1, 2, and 3 in your book.
2. Prepare a 15-page magazine, including:
 - a) Cover Page
 - b) Index
 - c) The following content:
 - i. An article on the topic "Water Conservation"
 - ii. Poems by any two Indian authors
 - iii. A self-written story with a related illustration
 - iv. A poster on the benefits of yoga: Your poster should include: A suitable slogan, At least two benefits of yoga, Neat and creative illustrations
 - v. A paragraph on any five festivals of your choice with relevant pictures
 - vi. A word train using words from your Literature book
 - vii. Ten idioms with meanings and related pictures
 - viii. A letter to your father on the occasion of Father's Day, expressing your feelings, appreciation, and gratitude
 - ix. An advertisement for a new brand of healthy fruit juice with a catchy slogan

HINDI

साहित्य - पाठ-1 आदर्श बदला

पाठ-2 वह तोड़ती पत्थर

व्याकरण - पाठ-1 भाषा, बोली, लिपि और व्याकरण (आवधिक परीक्षा हेतु याद करें।)

प्रश्न- 2

पर्यायवाची शब्द-1-30(पृ०सं०-31,32)

विलोम शब्द -1-20 (पृ० सं०- 36,37)

मुहावरे - 1-20 (पृ० सं०- 163-164)

लोकोक्तियाँ-1-15(पृ० सं०-166,167)

प्रश्न-3 भाषा, बोली, लिपि और व्याकरण पर एक आकर्षक वॉल हैंगिंग तैयार करें।

प्रश्न-4 कविता प्रतियोगिता के लिए कोई दो स्वरचित कविता लिखें व याद करें।

प्रश्न-5 कोई पाँच कवियों की सूची बनाओ और उनकी जीवनी, प्रसिद्धि और काव्य के प्रति उनका रुझान के विषय में एक चित्र सहित फाईल तैयार करें।

नोट : प्रश्न - 2 व्याकरण पुस्तिका में करना है ।

प्रश्न-4 और 5 का कार्य स्क्रेप फ़ाइल में करना है ।

संस्कृतम्

1. पञ्च श्लोकान् लिखित्वा कण्ठस्थं कुरुत।
2. १ तः १०० पर्यन्तं संख्याः संस्कृतेन लिखित्वा कण्ठस्थं कुरुत।
3. दशपक्षिणां नामानि चित्रैः सह संस्कृतेन लिखित।
4. दशशाकानां चित्राणि कृत्वा तेषां नामानि संस्कृतेन लिखत।
5. पाठ १ तथा २ इत्योः समस्तम् अभ्यासकार्यं कण्ठस्थं कुरुत।

MATHEMATICS

GENERAL INSTRUCTIONS-

1. Use a separate notebook/file
 2. Maintain neatness and proper headings
 3. Include drawings and colors
 4. Submit after holidays with proper labeling
-
- a) Practice chapters 1, 2 and 3 for the first periodic test.
 - b) Do any 3 sums every day from these chapters in a separate notebook or thin register.
 - c) **WORK IT OUT –**

- (i) Find area of 5 Indian states. Find the smallest number by which the area to be divided to get a perfect square.
- (ii) Find distance of all the planets from Earth and express the distance in scientific notation (exponential form)

PROJECT-

Create a Mathematical Magazine (Use A4 size sheets)

Create a **mini math magazine** that includes different mathematical topics, puzzles, and real-life applications. Use your creativity to make math fun and informative!

Sections to Include in Your Magazine:

1. Cover Page
2. Name of your magazine (e.g., *Math World*, *Number Ninjas*, *The Math Times*)
3. A creative math-themed title image or drawing
4. Featured Article: Write a short article (100–150 words) about a famous mathematician, math in daily life.
5. Concept Corner: Choose two math topics from your syllabus and write an explanation with examples. Suggestions: Fractions and Decimals, Area and Perimeter, Symmetry, Integers, Bar Graphs
6. Puzzle Page: Include at least two of the following: A math riddle, A crossword puzzle with math terms, Sudoku or number puzzle
7. Real-Life Math: Show how math is used in Shopping (using decimals), Cooking (using fractions), Gardening (using area and perimeter).
8. Fun Fact Box: Include 2–3 surprising or fun math facts. Example: Did you know that zero was invented in India?

ACTIVITY- Do the following activities in practical file (refer pages 38 and 39 of your book)

(a) Square using diagonal method

(b) Square by Column method

Do the given assignment on ruled A-4 sheets-

ASSIGNMENT

Section A: Fill in the blanks

1. $a^n \times a^m =$ _____
2. $(a^n)^m =$ _____
3. $a^n \div a^m =$ _____ ($a \neq 0$)
4. $a^0 =$ _____ ($a \neq 0$)
5. $a^{-n} =$ _____ ($a \neq 0$)

Section B: Simplify the following

1. $2^3 \times 2^4$
5. $(2^4 \times 2^{-1}) \div 2^2$
2. $5^6 \div 5^2$
6. $(x^5 \div x^2) \times x^{-3}$

3. $(3^2)^3$

7. $(a^3b^4)^2$

4. $10^0 + 4^0$

8. $(3^{-2}) \times (3^4)$

Mathematics Worksheet: Rational Numbers

Section A: Basic Concepts

1. Define rational numbers with two examples.
2. Write any five rational numbers between -2 and 1.
3. Express the following rational numbers in standard form: (a) $-15/45$ (b) $18/-36$ (c) $24/60$
4. Find the multiplicative inverse of: (a) $-3/7$ (b) $4/-9$ (c) 5

Section B: Operations on Rational Numbers

1. Add: (a) $5/6 + (-7/12)$ (b) $-4/5 + 2/3$
2. Subtract: (a) $3/4 - (-2/5)$ (b) $-7/9 - 1/3$
3. Multiply: (a) $-2/3 \times 9/4$ (b) $7/8 \times -5/6$
4. Divide: (a) $6/7 \div -2/3$ (b) $-3/5 \div 9/10$

SCIENCE

1. Do worksheet -1 and 2 in the worksheet booklet.

2. Microbe Detective Project

Become a “**Microbe Detective**” and design a creative “**Wanted Poster**” on any one microorganism.

Instructions:

1. Do this activity on an A4 size sheet
2. Use colours, sketches, and creative fonts
3. Give your poster a bold heading: “WANTED”
4. Your poster must include:
5. Name of the microbe (Bacteria / Virus / Fungi)
6. Where it is found?
7. Whether it is useful or harmful
8. Diseases caused (if harmful)/ Benefits (if useful)

3. Science Magazine

Create your own Science Magazine on the chapter Microorganisms.

Instructions:

1. Prepare this activity on 4–5 A4 size sheets
2. Design a cover page with title and student details (Name, Class and Section, Roll. No.)
3. Arrange pages properly and file them.
4. Make it colourful and attractive with headings
5. Include the following sections:

- a) Scientist Spotlight
 - i. Write about the scientist (e.g. Louis Pasteur)
 - ii. Mention his major contributions
- b) Good vs Bad Microbes (Comic Style)
 - i. Draw a short comic showing helpful and harmful microbes
- c) Disease Alert Page
 - i. List diseases, the microbes causing them, and prevention
- d) “Did You Know?” Facts Column
 - i. Add 4–5 interesting facts about microorganisms

SOCIAL SCIENCE

1. Activity: Comic Story Project

General Instructions:

- a. Keep your project neat, well-organized, and colorful.
- b. Use drawings or pasted pictures to make your comic more interesting, show emotions and action scenes through drawings
- c. Divide your story into clear comic panels (like a real comic strip).
- d. Give your comic a creative title.
 - Add a cover page like a real comic book.
- e. Add speech bubbles, captions, and titles to show dialogues and events
- f. submit after the holidays with proper labelling

Task : Topic: The Rise of the Marathas

- i. Convert the chapter “The Rise of the Marathas” into a comic story.
- ii. Your comic should include:
- iii. Main characters such as Chhatrapati Shivaji Maharaj, Sambhaji or any other important figures from the chapter.
- iv. Key events shown through different comic panels (for example: Shivaji’s early life, battles, coronation, etc.).
- v. A clear sequence of events (beginning, middle, and end of the story)

2. Project Title: My Sustainable Village/City (Natural Resources)

General Instructions (Written File Only):

1. Use neat handwriting
 2. Add colors, headings, and borders
 3. Include diagrams/maps wherever possible
 4. Keep the file well-organized and creative
1. Cover Page
 - i. Title: My Sustainable Village/City
 - ii. Your Name, Class, Section, Subject
 - iii. Add a neat, creative drawing showing a green city/village

2. Introduction (1 page)

- i. Explain what a sustainable village/city means
- ii. Importance of conserving natural resources
- iii. Why sustainability is important for the future

3. Layout Design (1–2 pages)

i. Draw a **labeled map/layout** of your eco-friendly town Include

- a. Houses/buildings
- b. Roads and transport system
- c. Green areas (parks, forests)
- d. Water bodies (rivers, ponds, rainwater tanks)
- e. Add a short explanation of your layout

4 . Key Features of Your Sustainable City (Main Content)

A. Water Conservation

- i. Rainwater harvesting systems
- ii. Water recycling (reuse of water)
- iii. Use of ponds/lakes for storage
- iv. Methods to reduce water wastage

B. Renewable Energy

- i. Solar panels on houses and street lights
- ii. Windmills or biogas plants
- iii. Use of clean energy instead of fossil fuels

C. Waste Management

- i. Segregation of waste (wet & dry waste)
- ii. Composting organic waste
- iii. Recycling materials like paper, plastic, metal
- iv. Clean surroundings initiatives

D. Green Living

- i. Plantation drives and green belts
- ii. Eco-friendly transport (cycles, electric vehicles)
- iii. Pollution-free environment

E. “Before vs After” Comparison (1 page)

- i. Create a table or paragraph showing; after and before the change

F. Benefits of Your Sustainable City (1 page)

- i. Environmental benefits
- ii. Health benefits

- iii. Economic savings
- iv. Better future for coming generations

G. Conclusion (½–1 page)

- i. Summarize your idea
- ii. Add your personal opinion: Why should people adopt this lifestyle?

GENERAL KNOWLEDGE

GENERAL INSTRUCTIONS

All work must be done neatly in a separate notebook or scrapbook.

Use proper headings, dates, and neat handwriting.

Make your work creative by adding colors, borders, and pictures.

Submit the work on time.

Task 1: Daily News Headlines

Write 5 news headlines daily in your notebook.

- i. Mention the date for each day.
- ii. Try to include news from different categories:
- iii. National
- iv. International
- v. Sports
- vi. Science/Technology
- vii. Environment

Task 2: Album of Historical Places in Delhi

Prepare a beautiful scrapbook/album on historical places of Delhi.

Include at least 8–10 places.

For Each Place Include:

- i. Name of the place
- ii. A picture (drawn or pasted)
- iii. Location
- iv. 4–5 lines description (history, importance, who built it)

COMPUTER

Part A

Theory (Write in Notebook)

Chapter: Lists and Tables in HTML

Q1. Answer the following questions:-

- What is HTML?
- What are lists in HTML? Name their types.
- Write the difference between Ordered List and Unordered List.
- What is a table in HTML?
- Name the main tags used to create a table.
- What are CSS properties?
- How can you add color and borders to a table using CSS?

Part B

Practical Work (HTML Coding)

Q2. Create a Web Page:

Create an HTML page with the title: "My Favorite Things".

Include:

- An Ordered List of 5 favorite movies
- An Unordered List of 5 favorite foods
- Apply CSS styles (color, font size)

Name	Hobby	Favorite Game
Ayaan	Reading	Cricket
Riya	Painting	Badminton
Kabir	Music	Football
Meera	Dancing	Chess

Q3. Create a table:

Create a table with the following data:

Apply:

- Table borders
- Background color for heading row
- Center alignment

MEAL PLANNING

Title- Meal Management and Hygiene

- Safety First: Create a "Kitchen Safety & Hygiene" poster. Include at least five rules that a chef must follow to ensure food is prepared safely (e.g., cross-contamination, hand washing).
- Budget Meal Challenge: Plan a nutritious lunch for four people with a total budget of ₹250. Provide a breakdown of the costs for the ingredients and explain how you ensured the meal was balanced.

ART AND CRAFT

- Best Out of Waste Sculpture Create a 3D model using waste materials like plastic bottles, newspapers, and cardboard. Theme: Save Environment. Add a short description explaining your idea and materials used.

2. Mosaic Art Create a mosaic art piece using small pieces of coloured paper, old magazines, or tiles. Make a design (flower, landscape, or abstract) on an A3 sheet by pasting small pieces neatly.
3. Paper Flower Craft (8–10 inches) Create a large decorative paper flower of size 8–10 inches using coloured paper. Use folding and layering techniques. Paste it on a base sheet and decorate neatly.