

MOTHER INDIA PUBLIC SCHOOL

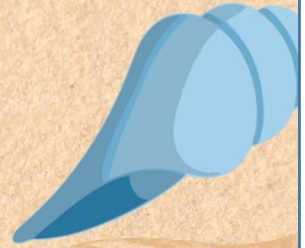
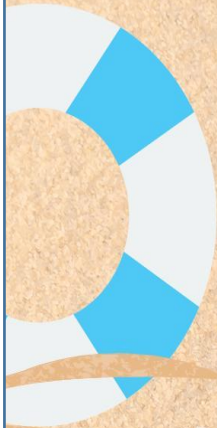
BAZPUR



SUMMER HOLIDAY HOMEWORK

ENJOY

WWW.MIPSBAZPUR.ORG



GUIDELINES

Wishing you a joyful and refreshing summer break!

May this holiday be filled with laughter, discovery, and quality time with loved ones. Take time to relax, explore your interests, and enjoy every moment.

Along with fun, use this time to engage in your holiday homework – designed to spark creativity, deepen understanding, and make learning enjoyable. Complete it with sincerity, originality, and pride.

Stay safe, stay curious, and come back recharged, ready for new beginning!

English

Total Marks: 25

Theme: Real-Life Experiences & Fun Learning

General Instructions:

- Choose any two activities per week to complete during the holidays.
- Use your creativity — include drawings, short videos, or craft materials.
- Keep writing to a minimum. Express through tags, posters, visuals, or short paragraphs.
- Work can be done on paper, in a scrapbook, or on a chart.

1. Old School vs. Today (5 Marks)

Task: Talk to your grandparents or parents about their school days. Activity: Draw two pictures — one of their classroom and one of yours. Add Tags: Write 4–5 tags (words or short phrases) under each drawing like chalkboard, uniform, online class, wooden desk, etc.

2. My Music Time (5 Marks)

Task: Choose any song of your choice (English, Hindi, or regional). Activity: - Write down the lyrics of the song. - Explain in 2–3 lines why you like it. - If possible, record a short clip of you singing or humming it.

3. Funny Pet Moment (5 Marks)

Task: Think of a funny or naughty moment with your pet or any animal you know. Activity: Write a short paragraph (5–6 lines) describing what happened. You may add a small drawing if you like.

4. A Helping Hand (5 Marks)

Task: Recall a time when someone helped you in school, at home, or in public. Activity: Create a short comic strip or 3-scene drawing showing the situation and how the person helped. Caption Each Scene: Write one short sentence under each.

5. The Road I Took (5 Marks)

Task: Think of a real decision you made (e.g., joining a new class, making a new friend, trying something new). Activity: - Make a simple poster with two paths drawn. - Mark the path you chose. - Decorate it with symbols or words to show how it changed you.

Hindi

M.M=25 marks

सभी प्रश्नों को हल करना अनिवार्य है :

प्रश्न 1 संवाद लेखन ** परीक्षा भवन के बाहर दो छात्रों की बातचीत को संवाद शैली में लिखिए ।
5marks

प्रश्न 2 स्वरचित किसी देशभक्ति गीत को लय से गाकर video बनाकर भेजें ।
5marks

प्रश्न 3 उपसर्ग तथा प्रत्यय शब्दांशों का वॉल हैंगिंग तैयार करें ।(सामग्री रंगीन कागज, धागा, गोंद ,कैंची इत्यादि) 5Marks

प्रश्न 4* विद्यालय पत्रिका के लिए स्वरचित कोई एक लेख अथवा कविता तैयार कीजिए ।(लगभग 120 शब्दों में) 5marks

प्रश्न 5* नीचे दिए गए अनुक्रमांक के अनुसार विद्यार्थी लेखकों पर आधारित ब्रोशर (प्रचार पुस्तिका) तैयार कीजिए _

अनुक्रमांक 1**10 प्रेमचंद

अनुक्रमांक 11**20 कबीर

अनुक्रमांक 21**30 राहुल सांकृत्यायन

अनुक्रमांक 31** to last ललधय

(उपर्युक्त कवि एवं लेखकों का जन्म मृत्यु एवं साहित्य का परिचय दीजिए) 5marks

Mathematics

Instructions:

This is a creative project-based assignment.

All work should be handwritten and neatly presented in a scrapbook.

Add pictures, diagrams, or decorations where required. Creativity carries marks.

Each task carries 5 marks.

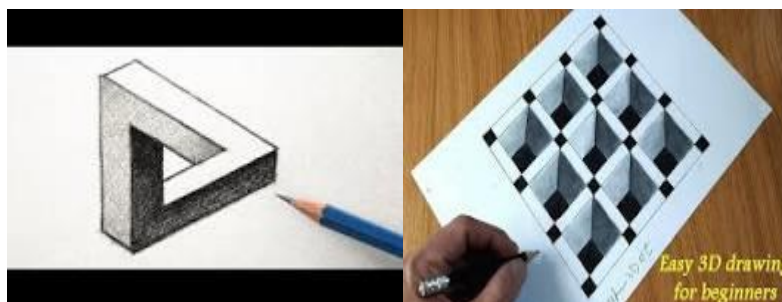
Task 1: AQAD (5 marks)

- During the holiday break, visit the CBSE (Central Board of Secondary Education) website every Tuesday and Thursday to access the "Question of the Day" posted on the mathematics section. By engaging with these daily math challenges, you will have the opportunity to enhance your mathematics problem-solving skills and solve the questions regularly from the given website for 30 days.

<https://aqadcbse.mindspark.in/index.php?class=10&language=en>

Task 2: Math Illusion (5 marks)

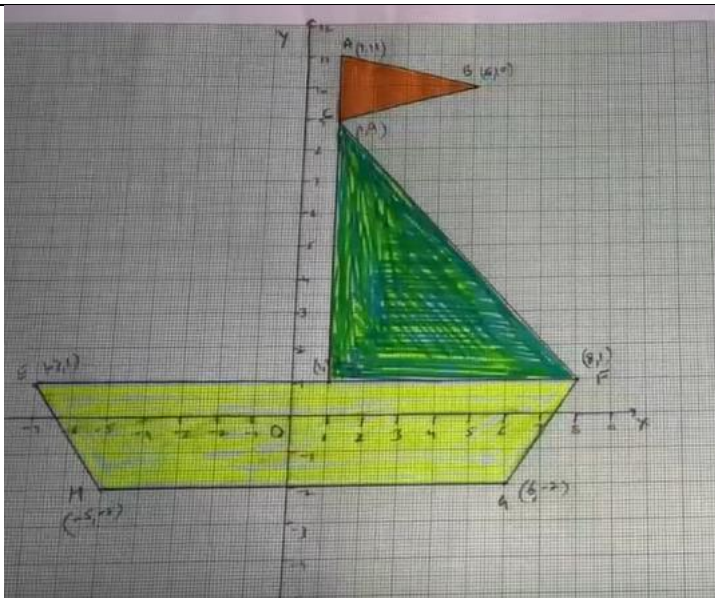
Prepare 2 Mathematical illusions on A4 sized sheet in scrap book. Example for reference:



Task 3: Coordinate Geometry (5 marks)

Plot points in Cartesian plane to make a creative image and color that. Reference video link and image is given below. Paste a graph on scrap sheet and show your creativity.

https://youtu.be/frxI9yihhsW?si=Bro_es1uL3KHM1pC



Task 4: Mathematical Root Spiral (5 marks)

Draw a beautiful square root spiral up to $\sqrt{17}$ (creativity carries marks) .Reference image



Task 5: Art Integration in Mathematics (5 marks)

What do you know about Warli Art ? To which state it belongs? Make any one Warli art painting and write which mathematical concept is used in this art?

Social Studies

Time duration=10hours

Geography.

Ch-01(India-Size and Location).

. Poster or Chart: "India vs China – Size & Location". 5 Marks

Include:

- 1.Total area (sq km)**
- 2.Population**
- 3.Latitude & longitude ranges**
- 4.Coastline length**
- 5.Climate zone and time zones**

Creative touch: Use visuals like pie charts, icons, and flags.

Political Science

Ch-01(What is Democracy? Why Democracy?).

ACTIVITY-BASED (10 Marks)

-Prepare a scrapbook with newspaper articles or photos showing democratic practices in India(Eg. Elections, protests, debates in Parliament).

History

Ch-01(The French Revolution)

TIMELINE ACTIVITY (10 Marks)

Create a timeline of at least 5 major events of The French Revolution.

Include-

- The Outbreak of Revolution (1789)**
- Storming of The Bastille**
- Abolition of Monarchy**
- Execution of Louis XVI**
- Rise of Napoleon Bonaparte**

Note:-Mention dates with short description (of about 100 words) in history notebook.)

SCIENCE

Chemistry and physics:-

Instructions (Total Marks: 15)

Total Questions: 30

Marks per Question: 0.5

Total Marks: 15

Words limit- 15-20 words

Short answer type questions:-

1. What is motion?
2. Define distance and displacement.
3. What is non-uniform motion?
4. Define circular motion
5. Define speed.
6. What is the difference between speed and velocity?
7. Define acceleration.
8. What is uniform acceleration?
9. What does the slope of a distance-time graph represent?
10. What does the slope of a velocity-time graph represent?
11. Write the equation for uniformly accelerated motion.
12. Derive the equation $s = ut + (1/2)at^2$.
13. A car accelerates uniformly from 18 km/h to 36 km/h in 5 s. Calculate the acceleration.
14. A bus decreases its speed from 80 km/h to 60 km/h in 5 s. Find the acceleration of the bus.
15. What can you say about the motion of an object if its speed-time graph is a straight line parallel to the time axis?
16. If a balloon is kept in the sun, it bursts after some time. Why does this happen in terms of particle behavior and pressure?
17. Why does water kept in an earthen pot become cool in summer
18. Why does a wet cloth placed in front of a cooler make the room cooler?
19. Why do we see fog on a mirror when we breathe out onto it?
20. Why does camphor disappear without leaving any residue?
21. How can you prove that gases are compressible using a syringe or plastic bottle?
22. Why do naphthalene balls shrink over time without melting?
23. A solid changes to a liquid on heating. Can you think of a real-life situation where this helps us?
24. Why is ice at 0°C more effective in cooling than water at 0°C?
25. Why are perfumes kept in tightly closed bottles
26. Why do clothes dry faster on a windy day than on a humid day?
27. Why do we sprinkle water on the ground in summer afternoons in villages?
28. Can you design an experiment to show that solids have fixed shape but liquids do not?
29. If you heat a sealed container of gas, what changes do you expect inside? Explain using particle theory.
30. Two closed containers—one with ice and one with water—are kept in the same room. Which one will absorb more heat from the surroundings and why?

Biology (10 Marks)

Chapter: The Fundamental Unit of Life

Objective: To develop a clear understanding of cell structure, functions, and its organelles through creative and analytical activities

1.Instructions:

The assignment should be handwritten and well-organized.

Include diagrams, illustrations, and labeled figures wherever necessary.

Be creative and use colors to enhance presentation.

Ensure clarity and neatness throughout.

Submit the assignment in a file or notebook.

1.Assignment Tasks:

Theory and Concepts:

1.Short Answer Questions(2.5 Marks)

- a.Why is the cell called the fundamental unit of life?
- b.Differentiate between plant and animal cells.
- c.What is osmosis? Explain with an example.
- d.Why is the nucleus known as the control center of the cell?
- e.Describe the structure and function of mitochondria.

Diagram-Based Questions:

1.Draw a well-labeled diagram of the following: (1.5 Marks)

- Plant cell
- Animal cell

2.Label the important organelles and write a brief description of their functions.

3.Use colors to distinguish different parts of the cell.

4.Draw diagrams on one chart paper

2.Bio-Sketch of a Scientist: (1 Marks)

Write a short biography of Robert Hooke or Anton van Leeuwenhoek highlighting their contribution to cell biology

Analytical Questions: (5 Marks)

- 1.Why are lysosomes known as the ‘suicidal bags’ of the cell?
- 2.Explain the difference between diffusion and osmosis with examples.
- 3.Why do plant cells have a large vacuole, while animal cells have small vacuoles?
- 4.How do ribosomes help in protein synthesis?
- 5.What would happen if the plasma membrane ruptures?

Information Technology

Make a Project:-

Time required for this homework is 20 – 30 minutes of daily basis.

Section A

Roll No – 1 to 10 - Make a digital document (Report) in Ms Word about what all places your visited in your summer break and make a proper file by printing it.

Roll No – 11 to 20 - Make a presentation in Ms Power Point about all the places you visited and paste photos in a scrap book.

Roll No – 21 to 30 - Make a Electronic spreadsheet about all the expenses you made in the whole month and create a file about it.

Roll No – 31 to 42 - Make a project file and paste photos of all the natural beauties and think about ways to conserve them. The project file should consist of an Introduction page, Acknowledgement page, and Index along with 5-7 pages of work.

Section B

Roll No – 1 to 10 - Make a presentation in Ms Power Point about all the places you visited and paste photos in a scrap book.

Roll No – 11 to 20 - Make a digital document (Report) in Ms Word about what all places your visited in your summer break and make a proper file by printing it.

Roll No – 21 to 30 - Make a project file and paste photos of all the natural beauties and think about ways to conserve them. The project file should consist of an Introduction page, Acknowledgement page, and Index along with 5-7 pages of work.

Roll No – 31 to 45 - Make a Electronic spreadsheet about all the expenses you made in the whole month and create a file about it.

Marks Distribution:-

Neatness	Proficiency	On Time	Accurate Data	Personal effect
5	5	5	5	5