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SUMMER VACATION HOLIDAY HOMEWORK 2025-26

MATHS

Q1. The temperature (in °C) of a place over 4 days was:

Day 1: $-5/2$

Day 2: $3/2$

Day 3: $-1/2$

Day 4: 2

Questions:

- A. Which day was the coldest?
- B. Which day was the warmest?
- C. Find the total temperature change over 4 days.
- D. Arrange the temperatures in ascending order

Q2)

CLUES:

 +  = 6	 +  +  = ?
 +  = 8	 +  +  = ?
 +  = 4	 +  +  = ?
 +  = 10	 +  +  +  = ?

Mom Junction

ENGLISH

1. Write one sentence for each of the 12 tenses in your classwork notebook.
2. Create a crossword puzzle using Tenses

Instructions:

- 1) Take an A4 sheet .
- 2) Draw a crossword grid neatly using a scale.
- 3) Choose at least 10–15 sentences and find its tenses
- 4) Use one word from each tense in the crossword.
- 5) Write clues based on tenses (not the word itself).
- 6) Write:
Across clues
Down clues
- 7) Paste the A4 sheet in your C.W Note
- 8) Provide the answer key on the next page.

SOCIAL

Subject Enrichment Activity: (Do in A4 Sheets:

1. Identify and describe various forms of government.
2. On a political map of India, mark:
 - Central Government (New Delhi)
 - State Governments (mark different capitals like Mumbai, Chennai, etc.

SCIENCE

CHEMISTRY

(To be done in your chemistry note)

A student took a syringe, closed its nozzle, and tried to push the piston. He noticed that the air inside could be compressed.

Questions:

1. Why is air compressible?
2. What does this show about the space between particles of matter?

3. Which state of matter is most compressible and why?
4. Compare this with solids—can solids be compressed easily? Why?
5. What will happen if the nozzle of the syringe is opened while pushing the piston? Explain your observation.

PHYSICS

An electric heater and an electric iron become hot when they are switched on. These appliances use a special type of wire inside them to produce heat and perform their function.

Answer the following questions:

- 1) Which effect of electric current causes an electric heater and iron to become hot?
- 2) Name the material commonly used for making heating elements in these appliances.
- 3) Why is this material preferred over other metals like copper?
- 4) Explain what happens inside the heating element when electric current flows through it.
- 5) Name any two other electrical appliances that work on the same heating principle.

BIOLOGY

(To be done in your chemistry note)

1. What is a cell? Describe the variation in the shape and structure of cells.
2. What are microorganisms? How are we connected to microbes?

HINDI

Holiday Homework

1. तुमने गरी की छुट्टियाँ कैसे बिताई ? कौन - कौन से स्थल तुम घूमने गए ? उसके बारे में कम से कम 60-70 शब्दों में एक अनुच्छेद लिखिए ।

2. चाटी बनाइए -

(i) बीस संज्ञा शब्द लिखिए ।

(ii) बीस विशेषण शब्द लिखिए ।

SANSKRIT

Holiday Homework

1) द्वाकनां कृपाणि वक्ष्यन्कारेषु च लिखत

2) दुःश सत्त्व संस्कृत वाक्येषु स्वस्य परिचये लिखत

