

PM SHRI KENDRIYA VIDYALAYA MATI, SHIFT 2

Class : VII

Holiday Homework (Autumn Break)

Sub: English

Day 1-2: Write an essay on “The Importance of Reading Books” (150 words).

Day 3: Read Chapter “Three Days to See” (Helen Keller) and write 10 comprehension questions with answers.

Day 4: Collect 15 new idioms/phrases and use them in your own sentences.

Day 5: Write a diary entry on “A day when I helped someone.”

Day 6-7: Read any story from any book and summarize it in your own words.

Day 8: Grammar practice – Write 10 sentences in Passive Voice.

Day 9: Compose a short poem (8–10 lines) on “My Favourite Season”.

Day 10: Prepare a chart on “Good Habits of Reading and Writing”.

Subject - Maths

1. Two triangles, ΔABC and ΔPQR , have $AB=PQ$, $BC=QR$ and $AC=PR$. Are the triangles congruent? State the rule and write the correct congruence statement.
2. $\Delta ABC \cong \Delta DEF$. If $AB=7$ cm, $BC=9$ cm and $AC=11$ cm, find DE , EF and DF .
3. Two triangles are congruent. Two angles of the first triangle are 50° and 60° . Find the third angle. What can you say about the corresponding angles of the second triangle?
4. Riya ate $\frac{2}{5}$ of a pizza, and her brother ate $\frac{1}{4}$ of the same pizza. What fraction did they eat altogether? What fraction remained?
5. A recipe requires $\frac{3}{4}$ cup of milk for one cake. How much milk is needed to make 3 cakes? If you have 2 cups of milk, how much more do you need?
6. Find three fractions equivalent to $\frac{5}{7}$. Then explain how you know that the fractions represent the same value.

7. In an isosceles triangle ABC, AB=AC. Point D is the midpoint of BC. Compare triangles ABD and ACD. Can you show that they are congruent? Give reasons for your answer.
8. A student travels $\frac{2}{7}$ of a journey by bus and $\frac{1}{3}$ by train. The remaining distance is travelled on foot. What fraction of the journey is travelled on foot?

Subject- Sanskrit

शरदकालीन अवकाशार्थं गृहकार्यम्

“हितं मनोहरं च दुर्लभं वचः” अस्मात् पाठात् सूक्तीनां संग्रहणं कुरुत। Collect the proverbs from this lesson “हितं मनोहारी च दुर्लभं वचः”.

विंशतिः खाद्यवस्तूनाम् नामानि सचित्रं लिखत। तेषां महत्त्वम् अपि लिखत।

Write the name of 20 food material will name and importance of these in life.

संतुलित आहारस्य महत्त्वं किम् अस्ति। अस्य विषयोपरि 100 शब्देषु एकः संवादात्मकम् अनुच्छेदः लिखत।

What is balanced diet. Write the one conversation passage in 100 words.

‘सुभाषितानां महत्त्वम्’ इति विषयोपरि एकं निबन्धं शतशब्देषु लिखत।

Write an essay on the importance of Subhashitani.

एकतः शतं पर्यन्तं संस्कृतेन संख्याः लिखत।

Write numbers one to hundred in Sanskrit.

SCIENCE HOLIDAY HOMEWORK

Textbook: NCERT

General Instructions

- Attempt all eight questions.
- Use diagrams, tables, photographs or illustrations wherever required.
- Perform experiments only under adult supervision and use safe household materials.
- Present your work neatly in a separate notebook or on A4 sheets.

Questions

Q1. Metals and Non-Metals: Collect pictures or draw five objects made of metals and five made of

Non-metals. Classify them and mention one useful property of each material.

Q2. Changes Around Us: Observe five changes in your surroundings. Classify them as reversible or

Irreversible and give a reason for each classification.

Q3. Physical and Chemical Changes: Observe the rusting of an iron object and the melting of ice.

Explain how these changes differ and suggest two ways to prevent rusting.

Q4. Physical and Chemical Changes: Make a flowchart showing how a fruit changes from raw to

Ripe and eventually spoils. Identify the changes involved and explain whether they can be reversed.

Q5. Adolescence: A Stage of Growth and Change: Prepare a chart of five physical, emotional or

Social changes that may occur during adolescence. Suggest healthy habits that help adolescents

Manage these changes.

Q6. Heat Transfer in Nature: Draw and label a diagram showing how sea breeze and land breeze

Develop. Explain why their directions change between day and night.

Q7. Heat Transfer in Nature: Compare a steel spoon and a wooden spoon placed in warm water.

Predict which will feel warmer at the handle and explain your observation using heat transfer.

Q8. Creative Science Activity: Design an energy-efficient lunch box using locally available materials.

Draw its design and explain how it can reduce heat loss or heat gain.

— Complete and submit after the autumn break

Social science holiday homework

Prepare “my atlas” of 10 maps containing topics:

1. Physical Map of India:

Himalayan Mountains

Northern Plains

Thar Desert

Deccan Plateau

Western Ghats

Eastern Ghats

River Ganga

Arabian Sea

Bay of Bengal

Indian Ocean

2. All states and capital

3. Important rivers of India

4. All continent and oceans and important countries of the world

5. Important mountain, Rivers, deserts, sea, of the world.

Read chapter 1 and 2 of part 2. Write 15 difficult words with their meanings and learn them.

Based on your reading, Prepare 10 internal questions answers in your own words from each chapter.