

KENDRIYA VIDYALAYA SABALGARH

AUTUMN BREAK HOLIDAY HOMEWORK

Class: VI

Subject: Mathematics

Day 1 – Understanding Perimeter

1. Define perimeter.
2. Find the perimeter of a square of side 8 cm.
3. Find the perimeter of a rectangle of length 12 cm and breadth 5 cm.

Day 2 – Understanding Area

1. Define area.
2. Find the area of a square of side 9 cm.
3. Find the area of a rectangle of length 15 cm and breadth 6 cm.

Day 3 – Word Problems on Perimeter and Area

1. A rectangular garden is 20 m long and 12 m wide. Find its perimeter.
2. A square park has a side of 25 m. Find its perimeter.
3. A floor is 8 m long and 5 m wide. Find its area.
4. A rectangular field has a perimeter of 60 m and a length of 20 m. Find its breadth.

Day 4 – Activity: Measure and Calculate

1. Measure the length and breadth of three rectangular objects at home, such as a book, table top and notebook. Prepare a table in your notebook.

Object	Length (cm)	Breadth (cm)	Perimeter (cm)	Area (cm ²)
1. Notebook				
2. Book				
3. Table top				

Use centimetres for length and square centimetres for area.

Day 5 – Fractions: Basic Concepts

1. Define a fraction and write its parts.
2. Give two examples each of proper and improper fractions.
3. Write five equivalent fractions of $\frac{1}{2}$.
4. Convert $\frac{23}{5}$ into a mixed fraction.
5. Convert $5\frac{3}{5}$ into an improper fraction.

Subject: Science

1. Define temperature.
2. Why is our sense of touch not a reliable way to measure temperature?
3. Write the SI unit of temperature.
4. Name three instruments used to measure temperature.
5. Draw and label a digital thermometer.
6. Differentiate between a clinical thermometer and a laboratory thermometer.
7. Write five situations where temperature measurement is important.
8. Record the temperature of room air and drinking water using a suitable thermometer. Present your readings in a table.
9. Name the three states of water. Write two properties of each state.
10. Draw and label ice, liquid water and water vapour.

Observation Table

Sample	Thermometer Used	Temperature (°C)
Room air		
Drinking water		

SUB - S.ST

Part A: Questions (Write answers in your notebook)

Fill in the blanks

1. The head of a Gram Panchayat is called the ___.
2. The lowest level of Panchayati Raj is the ___.
3. The Zila Parishad works at the ___ level.
4. A large urban local government is called a ___.
5. All adult ___ of the village are members of the Gram Sabha.

True / False

- 1.The Sarpanch is elected by the people of the village.
- 2.Gram Panchayats exist only in cities.
- 3.The Panchayat Samiti works at the block level.
- 4.A Municipal Corporation is found in small towns.
- 5.Every voter can speak in a Gram Sabha meeting.

MCQs

- 1.A Gram Panchayat works for:
(a) The whole country (b) A village or group of villages (c) A state (d) A district
- 2.The Zila Parishad works at the:
(a) Village level (b) Block level (c) District level (d) National level
- 3.The Sarpanch is:
(a) A police officer (b) Head of the Gram Panchayat (c) A school principal (d) A doctor
- 4.Which is NOT a function of a Gram Panchayat?
(a) Cleanliness (b) Water supply (c) Defending the country (d) Street lighting
- 5.A member of an urban local body is called a:
(a) Sarpanch (b) Councillor (c) Panch (d) Patwari

Short Answer Questions

- 1.What is the difference between the Gram Sabha and the Gram Panchayat?
- 2.Name the three levels of Panchayati Raj.
- 3.Why do we need local government?
- 4.Write any two functions of a Gram Panchayat.
- 5.Write one difference between a Municipality and a Gram Panchayat.

Long Answer Questions

- 1.Explain the functions and sources of income of a Gram Panchayat.
- 2.Compare rural and urban local government.

PART 2

Model 1: Gram Panchayat Village Model (Best Option)

A small village model showing how a Gram Panchayat provides services to the people.

Materials Needed

- Thermocol sheet or cardboard (about 2 ft x 2 ft) as the base
- Clay, ice-cream sticks, matchboxes, colour paper, cotton and toothpicks
- Fevicol/glue, poster colours, scissors, pencil and scale

What to Include

- Panchayat Ghar: the main building in the centre with a small Indian flag.
- Services: school, health centre, hand pump or water tank.
- Facilities: road, street lights and a dustbin.
- Village life: fields, houses and trees (cotton and green paper).

Steps to Make

1. Paint the thermocol green for grass and mark the road with grey paper.
2. Build the Panchayat Ghar, school and health centre from matchboxes or cardboard.
3. Make houses, trees, hand pump and water tank from clay and sticks.
4. Stick everything in place and add street lights and a dustbin.
5. Attach a toothpick flag label to every place.

Picture of Model 1

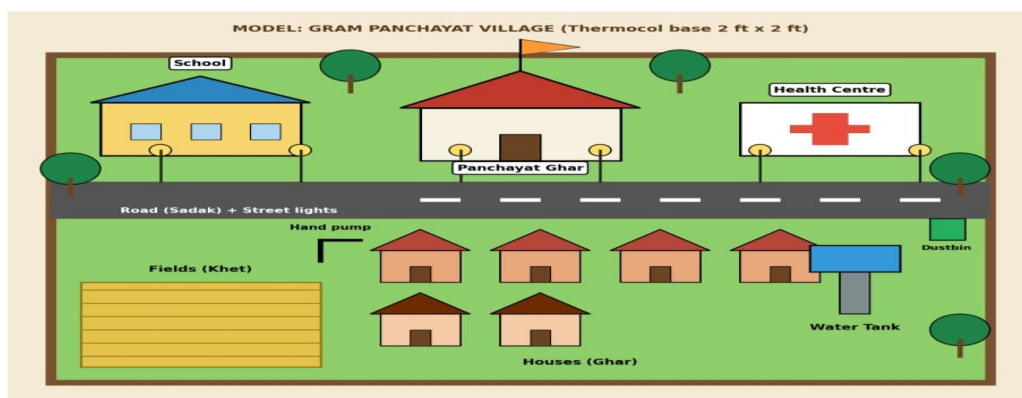


Figure 1: Gram Panchayat Village Model (illustration)

COMPUTER

A. Fill in the Blanks

1. The _____ is known as the brain of the computer.
2. The full form of RAM is _____.
3. The full form of ROM is _____.
4. A computer virus is a type of _____ program.
5. A strong password should be difficult to _____.
6. The Internet is a worldwide network of _____.
7. MS Word is used for _____.
8. _____ is used to organise data in rows and columns.

B. Answer the Following Questions

1. Define a computer and explain its main characteristics.
2. Explain the difference between hardware and software with examples.
3. What are input and output devices? Give three examples of each.
4. Explain the difference between RAM and ROM.
5. What is a web browser ?
6. Explain the difference between system software and application software.

C. Write True or False

1. RAM stores data temporarily. []
2. A scanner is an output device. []
3. MS Excel is used to organise data in spreadsheets. []
4. We should click on unknown links. []
5. Antivirus software can help protect a computer. []

D. Project Work ☐☐ (Complete any two activities)

- Computer Parts Chart: Draw or paste pictures of computer parts and write their uses.
- Technology Around Us: Find and write the names of ten devices that use computer technology.
- MS Word Activity: Type a paragraph on “My Favourite Festival” and format the heading, font, and size.
- MS Paint Activity: Draw a colourful nature scene using different tools.
- Keyboard Practice: Write the names and uses of ten important keyboard keys.

HINDI

1. कोई दस पर्यायवाची शब्द लिखिए
2. कोई पाँच उपसर्ग तथा पांच प्रत्यय के उदाहरण लिखिए
3. दशहरा पर 150 शब्दों में निबंध लिखिए
4. अपने मोहल्ले की साफ सफाई हेतु नगरपालिका अधिकारी को आवेदन पत्र लिखिए।
5. महाराणा प्रताप का चित्र बनाये या चिपका कर उसकी जीवनी अपने शब्दों में लिखें।

SANSKRIT

* सुभाषितानि श्लोकान् लिखत (कोई दो हिंदी अर्थ सहित लिखत) कण्ठस्थीकुरुत ।

* संख्या: 51 - 100 संस्कृते लिखत

* किम्, तद्, एतद् के (पुँल्लिङ्ग-स्त्रीलिङ्ग-नपुंसकलिङ्गाः) तीनों लिंगों शब्दरूप लिखिए।

* धातुरूपाणि (पठ् , खाद् , क्रीड्) के पांचों लकार धातुरूप लिखिए।

* संस्कृत प्रतिज्ञां लिखित्वा कण्ठस्थीकुरुत ।

ENGLISH

Que-1 Write any 10 sentences about Dussehra.

Que-2 Write any 10 opposites.

Que-3 Write the definition of noun and its kinds and write their definition.

Que-4 Why do you think we should know about the healing properties of spices?

Que-5 What was Daadi's final advice to Vikram and Vaibhavi?