PM SHRI KENDRIYA VIDYALAYA MISA CANTT
Autumn Break Homework
Class VI – Social Science

1: Prepare a colourful collage showing the Earth, historical sources and different occupations.

2: How are Geography, History and our daily lives connected?

3: Draw or paste pictures of people engaged in different types of work.

Complete the homework in your class notebook.

Holiday Homework (Maths)

Solve the Half-yearly question paper on your notebook

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KENDRIYA VIDYALAYA MISA CANTT.
AUTUMN BREAK HOMEWORK – 2026
Class: VI
Subject: Science

Instructions:
1. Complete all the work on A4-size paper
2. Write neatly and draw diagrams wherever required.
3. Complete the activities using materials available at home.

Chapter 1: The Wonderful World of Science
1. What is science?
2. How does science help us in our daily life?

Chapter 2: Diversity in the Living World
1. What is biodiversity?
2. Write three differences between plants and animals.
3. Draw and label any two different types of leaves.

Activity: Observe five different plants around your home and record their names and one characteristic of each.
Chapter 3: Mindful Eating: A Path to a Healthy Body
1. What is a balanced diet?
2. Name the major nutrients present in food.
3. Why should we eat a variety of foods?
Activity: Prepare a healthy food plate by drawing or pasting pictures of different food items. Label
the food groups.
Chapter 4: Exploring Magnets
1. What are magnetic materials? Give three examples.
2. What are the two poles of a magnet?
3. Draw the figure of a bar magnet and locate its poles.
Chapter 5: Measurement of Length and Motion
1. Why do we need standard units of measurement?
2. Name the SI unit of length.
Activity: Measure the length of five objects in your home using a ruler. Record their lengths in centimetres.
Chapter 6: Materials Around Us
1. What are materials?
2. What is the difference between transparent, translucent and opaque materials?
3. Differentiate between soluble and insoluble substances in water.
Creative Assignment
Prepare a colourful poster on any one of the following topics using art paper.
- Save Nature, Save Life
- Eat Healthy, Stay Healthy
- Science in Everyday Life
Submission: Submit your completed homework on the first working day after the autumn break.

CLASS VI ( )

1.10 - 10
(Separate 10 words into their letters/vowels/consonants and combine 10 given letter breakdowns into words).
: = + + + + +

2.
3-3 (Write the types of Nouns with 3 examples each).

3. " / " "
" 80-100

(Write a short paragraph of 80–100 words on "Dussehra / Importance of Festivals" or "My Autumn Vacation").

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*CLASS VI *

* 1.* (Write number words in Sanskrit from 51 to 100): 51 100 .

* 2.* (10) (Write 10 verb words/root verbs): 10 - .

* 3.* (Write declensions/word forms for 'Nrupa' and 'Lata'): ' ' ' ' .

* 4.* (Form questions from the lesson): 5 .

PM SHRI KENDRIYA VIDYALAYA MISA CANTT
Autumn Break Homework
Class VI – English

1: Prepare a chart on Parts of Speech

2: define it and give one example each

3: make it colourful and attractive.

HOLIDAY HOMEWORK

Artificial Intelligence | Class VI

Instructions

- Do one day's task each day. Complete all neatly in your Notebook.
- Be honest and original. Collect your own data – do not copy from friends or the internet.

Data Detective – Understanding Data & Types of Data

Learning Focus: *Understanding data, Types of data*

Data means facts or information that we collect. Data can be **numbers** (your age, your marks) or **text** (your name, your favourite colour). Pictures, songs and videos are also data.

Task 1: Fill in the table

Write the data about you. Then write if it is a Number or Text.

Data about me	Write here	Number or Text?
My name		
My age		
My favourite colour		

Task 2: Match the following (write the correct letter)

Data	Answer	Type of data
1. Photograph of your pet		A. Number
2. Marks scored in Maths test		B. Text
3. Recording of a song		C. Image (picture)
4. Your name		D. Audio (sound)

Task 3: Fill in the blanks

Word box: data / facts / computers

1. Data means _____ or information that we collect.
2. Computers and AI learn from _____.
3. Write 2 places where data is collected (Example: attendance register in school).

Be a Data Collector – Collecting Data

Learning Focus: *Collecting data*

We can collect data by asking questions, counting and observing. Today you will become a data collector!

Task 1: Mini Survey

Ask 5 people at home or in your neighbourhood and write their answers.

Question: "What is your favourite fruit?" (Mango / Apple / Banana / Orange)

Person No.	Name	Favourite fruit
1		
2		
3		
4		
5		

Task 2: Tick (✓) the correct ways of collecting data

Way	Tick (✓)
Asking questions	
Sleeping	
Counting	
Observing (watching carefully)	
Eating	

Task 3: Observe and write

Look outside. Circle today's weather: Sunny / Cloudy / Rainy

Sort it, Show it – Organising & Representing Data

Learning Focus: *Organising data, Representing data*

When we put data in a table and draw it as a picture, it becomes easy to read.

Task 1: Organise your survey data

Use your Day 2 survey. Count how many people chose each fruit. Use tally marks (|||| = 4, and a cross line makes 5).

Fruit	Tally marks	Total
Mango		
Apple		
Banana		
Orange		

Task 2: Make a Pictograph

Draw one ★ (star) for each person in the table below.

Fruit	Draw ★ for each person
Mango	
Apple	
Banana	
Orange	

Task 3: Answer

1. The most popular fruit is _____.
2. The least popular fruit is _____.
3. Write True or False: A picture or graph helps us read data easily. _____

Pattern Hunters – Understanding & Identifying Patterns

Learning Focus: *Understanding patterns, Identifying patterns*

A pattern is something that repeats again and again. Example: Mon, Tue, Wed, Mon, Tue, Wed… AI looks for patterns in data.

Task 1: Write the next two numbers

Pattern	Next two numbers
2, 4, 6, 8, ____, ____	
5, 10, 15, 20, ____, ____	
1, 2, 3, 4, ____, ____	
10, 9, 8, 7, ____, ____	

Task 2: Shape and colour patterns

Complete the patterns.

(a) ○ △ ○ △ ○ _____ _____

(b) Red, Blue, Red, Blue, Red, ____, ____

(c) Make your own pattern using shapes or colours (6 items):

Task 3: Patterns around me

Write or draw 2 patterns you see (Examples: days of the week, petals of a flower, tiles on the floor, school bell).

S.No.	Pattern I saw
1	
2	

Think Like AI – Observations, Conclusions & Decision Making

Learning Focus: *Observations and conclusions, Decision making*

Observation = what you notice. **Conclusion** = what you understand. **Decision** = the choice you make.

Task 1: Observe and conclude

Rahul counted the glasses of water he drank each day:

Day	Mon	Tue	Wed	Thu	Fri
Glasses	2	3	4	5	6

1. Is the number of glasses going UP or DOWN? _____
2. How many glasses will Rahul drink on Saturday? _____

Task 2: Make a decision

Weather of last 5 days: Rainy, Rainy, Rainy, Cloudy, Rainy

1. Which weather came the most? _____
2. Tomorrow you are going to school. Circle what you will carry: Umbrella / Sunglasses / Sweater

Task 3: My own decision

Write 2 lines about a decision you took recently (what to eat, what to wear, which game to play) and why.

Final Reflection

Fill in the blank: Data and patterns help AI to make good _____.