

GURUKUL INTERNATIONAL SCHOOL, HALDWANI
HOME WORK FOR WINTER BREAK (2025-26)

Class- IV

ENGLISH –

1 Case study

During the winter holidays, Aarav's cousin Raju came from his village to stay at Aarav's house in Haldwani city. It was winter season, and Raju observed many differences between village life and city life during winter.

In the village, Raju was used to waking up early. During winter, village people sit near a bonfire to keep themselves warm. They wear woollen shawls and caps and drink hot tea. Even in cold weather, villagers feed animals, work in fields, and collect firewood. In the evening, they sit together, talk to each other, and listen to elders' stories.

In the city, Raju noticed that people wake up late during winter holidays. They wear sweaters and jackets, use heaters and blankets, and stay inside their homes to keep warm. Children spend more time watching television, using mobile phones, or playing indoor games. City people travel in cars and buses and rarely sit outside in the cold.

Raju understood that village life in winter is simple and close to nature, while city life is comfortable and modern. Both ways of life help people stay safe and warm during winter.

Answer the following questions.

- a) What winter activities of his village did Raju tell Aarav about his village peoples ?
- b) How is winter life in the city different from winter life in the village ?
- c) Which life do you like more in winter—village or city ? Why ?
- d) Write antonyms of the given words.

- i) Inside ii) Warm iii) Village iv) Simple

2 Read the poem "The Naughty Boy" from your English literature book Marigold.

On an A4 sheet, draw pictures of folk dances from different states of India to show the rich culture of our country.

3 Read the chapter "Pinocchio" from your English literature book Marigold.

Why did Pinocchio's nose grow longer whenever he told a lie? What message do we learn from this? Write answer in your own words.

4 Read each sentence carefully. Identify the tense used and write it in the table.

- 1 Riya plays in the park every day.
- 2 The children are watching a movie now.
- 3 She has finished her homework.
- 4 The boys were playing football in the evening.
- 5 He played cricket yesterday.
- 6 They had completed the work before sunset.

Sentence No. Verb used. Tense kind

5 You are Riya / Rohan.

Write an informal letter to your friend telling him/her about your winter holidays. You may include how you spent your holidays, what you enjoyed the most, and how you helped your family at home.

MATHEMATICS –

- 1 Draw two meaningful and colourful figures by using slant, vertical, horizontal and curved lines.
- 2 Every country has its own currency and currency symbols including paper notes and coins issued by the government. Write 10 countries name with their currency and symbols.
- 3 Prepare a bill for the following and calculate how much amount is to be paid for the bill.
 - a) 4 kg rice at the rate of Rs 25 per kg, 2 litres of cooking oil at the rate of Rs 60.50 per litre and 16 pastries at the rate of Rs 10.25 each.
- 4 Collect 10 items of different shapes from the newspaper and prepare a collage in A-4 sheet.
- 5 Solve -
 - a) What is one- third of three times of Rs 9.50 ?
 - b) Subtract $\frac{5}{17}$ from the sum of $\frac{2}{17}$ and $\frac{9}{17}$
 - c) What are composite and prime numbers ? Give an example of each.
- 6 Draw a calendar for the month of January 2026 and highlight the holidays on it.

7 Hill Station Journey

Anaya went for a vacation with her family to a hill Station. The hill station was 115 km from her home. They travelled 5 km to the railway station by car, from there 90 km by train and the remaining distance by bus.

Tick the correct answer.

- i) How much distance did they travel by bus ?
a) 50 km b) 20 km c) 30 km d) 15 km
- ii) Find the fractions of distance travelled by car and bus.
a) $\frac{5}{115}$, $\frac{20}{115}$ b) $\frac{90}{115}$, $\frac{20}{115}$ c) $\frac{5}{115}$, $\frac{90}{115}$ d) $\frac{20}{115}$, $\frac{30}{115}$
- iii) The fraction $\frac{20}{115}$ and $\frac{9}{115}$ are _____ fraction.
a) equivalent b) not equivalent c) unit d) mixed
- iv) The word form of $\frac{12}{20}$ is _____
a) twelve- twenty b) twelve – twentieth c) twenty - twelve d) twenty - twenty

SCIENCE–

1 Define the terms.

- i) Sublimation ii) Environment iii) Digestion
- 2 The smell of an incense stick when lighted spreads quickly from one room to another. How do you think it happens ? Give suitable reason.
- 3 Draw a well labelled diagram to show the process of sea breeze.
- 4 Using thermocol balls, make a 3D model to show how molecules are arranged in solids ,liquids and gases. Label each arrangement properly.
- 5 You can see tiny water droplets on the windscreen of car early in the morning. What is it? How is it formed ?

6 Case Study

A village pond had muddy water after heavy rain. The villagers let the mud settle at the bottom and then slowly poured the clear water into another container. Later the water was filtered and boiled before drinking.

Answer the following questions.

- i) What process helps the mud settle at the bottom ?
- ii) Name the process of pouring clear water into another container.
- iii) Why was the water boiled before drinking ?

SOCIAL SCIENCE–

1 Define the following terms

- i) Harvest ii) Communication iii) Satellite iv) Handicraft v) Season
- 2 Indian currency notes have pictures of famous monuments. These monuments belong to different states of India. Complete the table below.

Currency note	Monuments	State
Rs 10	Konark Sun Temple	Odisha
Rs 20		
Rs 50		
Rs 100		
Rs 200		
Rs 500		

- 3 Collect the pictures of the products like toothpaste, processed cheese, baskets, bed sheets, computer, geyser, car, scooter, sofa sets, etc., and paste them in a scrapbook. Also, group them as cottage, small scale, or large-scale industry.
- 4 Create your own beautiful cloth design. Use waste material or easily available material at home. Hints- Buttons, beads, pieces of foil paper, thread, woollen etc.

5 Case study

Aman noticed that lights and fans were left on, when no one was in the room. His teacher told the class that natural resources are limited and should be saved. Aman started switching off lights and fans when not in use and used water carefully. Soon, his family followed his habit. This helped save electricity and water.

Read and answer.

- a) Name the two resources that Aman tried to save.
- b) What habit did Aman start to help save resources ?
- c) It is important to save natural resources. Why ?
- d) List two ideas that you will follow to save resources at home.

HINDI –

1 समस्या समाधान–

रोहन रोज समय पर होमवर्क नहीं करता। वह खेलने में ज्यादा समय लगाता है इसीलिए उसे शिक्षक से डाँट पड़ती है।

क) रोहन की समस्या क्या है ?

ख) उसे क्या करना चाहिए ताकि समस्या हल हो सके ?

2 आप छात्रावास में रहते हैं जहाँ प्रदूषण के कारण लोगों का आना-जाना मुश्किल हो गया है। इस संबंध में वार्तालाप करते हुए अपने पिताजी को पत्र लिखिए।

3 आप शीतावकाश में जहाँ घूमने गए वहाँ जो अपने अनुभव किया जो देखा उसको अनुच्छेद के रूप में लिखिए तथा उससे संबंधित चित्र भी बनाइए।

4 यदि आपको समाज के लिए उपयोगी काम करने का अवसर मिले तो आप कौन-सा काम करेंगे और क्यों ?

5 आप उत्तराखंड राज्य में रहते हैं जहाँ बहुत सारे त्यौहार मनाए जाते हैं। आपको उत्तराखंड का कौन-सा त्यौहार पसंद है उसका एक सुंदर सा चित्र ए4 सीट पर बनाकर उसके बारे में लिखिए।

COMPUTER –

1 Write the output of given below program



2 Define the following terms

a) Repeat block b) Algorithm

3 Draw a flowchart "to save a file".

4 **Case study**

A student made a Scratch program to introduce himself.

The sprite shows these messages one by one:

My name is Aman

I study in Class 4

I love computers

There is a wait 1second block between each message.

On the bases of above case give answers of following questions.

a) Why is the wait block used in this program ?

b) Name the block used to display messages.

c) What will happen if the wait block is removed ?