

GURUKUL INTERNATIONAL SCHOOL, Haldwani

HOME WORK FOR SUMMER BREAK (2025-26)

Class- IV

ENGLISH

1 **Speaking skills**

Prepare a 2 minute video on "Save Trees - Save Earth" using the points below .

- a) Why are trees important to us ?
- b) What problems do we face when trees are cut down ?
- c) How can we protect and grow more trees?
- d) How can you personally help to save trees ?

2 **Case study**

Alice stood up and saw a small door about fifteen inches high. It was too small for her to go through. She saw a glass table with a golden key on it. She tried the little golden key in the lock and to her delight it fitted! Alice opened the door and looked into the loveliest garden she had ever seen!

- a) Why did Alice find difficult to go through the door ?
- b) What does the golden key represent in the story?
- c) Why is Alice happy even though she can't go through the door ?
- d) Write the meaning of the word ' Delight '.

3 Write a short speech on ' why cleanliness is important'

- a) Why should we keep our home and school clean?
- b) What can happen if we live in dirty surrounding ?
- c) How can you help keep places clean?

4 If you were Neha in the story Neha's Alarm Clock and your alarm clock didn't work, what could you use instead to make sure you wake up on time ? Share your ideas.

5 **Letter writing**

Imagine you are on a fun holiday trip to a hill station or a beach. Write a letter to your best friend telling him/her about your trip!

6 **AIL**

Design a Poster on "Practice Makes a man Perfect":

Draw Nasruddin practicing with his bow and arrow.

Include:

- * A slogan about practicing to improve skills.
- * A tip on staying focused and patient.

7 In the story "The little fir tree " the magician asked the tree for three wishes. Have you ever wished for something and later changed your mind ? Share your story?

MATHEMATICS

1 India is a great place for manufacturing because it has low labour cost and excellent technical and engineering skills. Which result in better quality products being made. The "Television World Factory" has been selling a large numbers of TV sets. The annual sale report of the factory shows remarkable figures. The first quarter sales were 7843 TV sets, the second quarter sales were 9817 TV sets, the third quarter sales were 8715 TV sets, and the fourth quarter sales were 12,698 TV sets. Based on the given information answer the following questions.

- i) Arrange the quarterly sales figures in decreasing order.
- ii) Find the sum of the place value of 2 and 6 in the number of TV sets sold in fourth quarter.

2 Look around your house and find atleast 3 examples of different types of angles. What they are and what type of angle they show?

Example: Door corner – Right angle
Book cover open – Acute angle
Laptop screen open wide – Obtuse angle

3 Draw a wall clock showing time that forms angle 180° and 90°

Activity

4 Make a key ring using different geometrical shapes.

5 A company packs pens into boxes. Each box hold 12 pens. If they have 7884 pens to pack. How many boxes will they need to pack all the pens ?

- 6 Solve-
- a) $23/6 + 13/6$
 - b) $100/24 - 75/24$
 - c) Express Rs.10284.85 in word form
 - d) Convert- i) 285.65 m to cm ii) 31178 mg to g

7 **Title: Even and Odd**

Material required: Colour and a 10×10 grid

Find out all even and odd number from 1 to 100 on 10×10 grid

- Steps:** i) Take a 10×10 matrix, list all the numbers from 1 to 100
 ii) Circle all even number using red colour.
 iii) Square all odd number using green colour.

Case study:

- 8 Ankita was given the digits 0, 7, 3, 5, 8 and 9. She was asked to form the smallest 7-digit number by repeating 0. Rama was given the same digit and was asked to form greatest 7-digit number by repeating 9. Based on the given data answer the following questions.
 i) What is the number formed by Ankita?
 ii) What is the number formed by Rama?
 iii) What would be the largest 9-digit number that can be formed using these digits (you can repeat the digits)

SCIENCE

- 1 Create a model showing the four stages of a housefly's life cycle. Use different materials (eg. clay, thermacol balls, paper, card board) to represent each stage. Label each stage and write two amazing facts on housefly.
 2 Define the following terms
 i) Habitat ii) Leaflets iii) Fungi iv) Incubation v) Metamorphosis
 3 Differentiate
 a) Terrestrial plant and Aquatic plant.
 b) Mammals and Marsupials.

Activity

- 4 Take a nature walk. Make a list of egg laying animals and animals that give birth to babies. Collect pictures of those animals from old newspaper and magazines. Create a scrapbook.
 5 Write about a scientist who fascinates you. Describe his/her invention and its impact on society.
 6 Observe following plants and insert correct information in the column given.
 Peepal, pine, banyan, spruce, teak, coconut, gulmohar.

S.No	Tree	Deciduous or evergreen	Habitat	Weather hot, cold or rainy

7 Assertion and Reason.

The questions below consist of an assertion and the reason. Use the following key to choose the appropriate answer.

- a) Both A and R are true and R is the correct explanation of A.
 b) Both A and R are true but R is not the correct explanation of A.
 c) A is true but R is false.
 d) A is false but R is true.
 i) **Assertion (A):** The leaves of cactus plant are reduced to spines.
Reason (R): It is an adaptation in cactus plant to increase the rate of photosynthesis.
 ii) **Assertion (A):** Reproduction is necessary for the survival of animals species.
Reason (R): It ensures the continuation of animals from one generation to the next.

SOCIAL SCIENCE

ART-INTEGRATED

- 1 Make the project attractive and presentable.
TOPIC: DRESSES OF INDIA- DOLL MAKING ACTIVITY
METHODOLOGY:

TASK 1- Make two dolls (One male, one female) using waste material at home (example- old newspaper, bottles, fabric etc) and decorate

TASK 2- Dress them as per the ethnic wear of any state in India. (Example: Sikkim, Rajasthan, Himachal, Tamil nadu, or any other state.)

2 Define the following

- i) Peninsula ii) Desert iii) Heritage iv) Bridge v) Monument

Life Skill

- 3 You might have seen solar panels for electricity and solar heaters for hot water being installed at the roofs of houses, hospitals, hotels etc. Now a days most of the people prefer these methods.

- i) What kind of source of energy is used here ?
 ii) How will it help our environment ?

Case study

- 4 Mukesh is a 9 year old student who lives in a small village. His school is 5 kilometres away from his home. Mukesh's parents are farmers and leave for work early in the morning.
 i) What challenges does Mukesh face on his way to school ?
 ii) How can Mukesh's parents or school help him to reach school safely ?
 iii) Do you also face challenges to reach school ?

- 5 Make a colourful and informative poster on shortage of water, its causes and how we can conserve water which is a valuable natural resources. Give a suitable title to your poster.

Map Skill

- 6 On a political map of India, mark the states and their capital along with the famous monuments of the state.
- 7 **Differentiate between -** i) Bamboo bridge and cement bridge
ii) Afforestation and deforestation
- 8 There are so many historical monuments in the Northern plains of India. You may plan to visit them. Prepare a list of Dos and Don'ts which you want to follow while visiting these monuments.
- 9 Make a colorful and attractive travelog for Uttarakhand to attract tourists.
- ❖ The travelog should include a brief description of the tourist attraction and geographical location. The travelog should also highlight:
 - ❖ Weather & Climate
 - ❖ Food
 - ❖ Language spoken
 - ❖ Art & Craft
 - ❖ Music & Dance form
 - ❖ Biodiversity(Flora & Fauna)

HINDI

- 1 राहुल अपने मोहल्ले के पार्क में खेल रहा था। उसने देखा कि कुछ बच्चे पेड़ की शाखा तोड़ रहे हैं और पार्क में कूड़ा फैला रहे हैं। राहुल ने उन्हें रोका और समझाया कि ऐसा करना गलत है। बच्चों ने उसकी बात मानी और सफाई में मदद की।
क) राहुल ने क्या अच्छा कार्य किया ?
ख) अगर आप उस समय वहाँ होते तो क्या करते ?
ग) पेड़ पौधे और साफ सफाई का हमारे जीवन में क्या महत्व है ?
- 2 बरसात में बादल आकाश में घूमते नजर आते हैं। बरसात में आकाश में बादल क्यों घूमते हैं ? किस रंग के बादल वर्षा लाते हैं ? बादल किन-किन आकार के होते हैं ? चित्र बनाकर बादलों की गतिविधि बताइए।
- 3 व्यंजन किसे कहते हैं ? हिंदी भाषा में कुल कितने व्यंजन होते हैं ? व्यंजनों के नाम लिखिए।
- 4 अर्थ के आधार पर शब्द के भेदों को उदाहरण सहित परिभाषित कीजिए।
- 5 दादाजी को अपनी पढ़ाई के बारे में बताते हुए पत्र लिखिए।
- 6 आप गर्मी की छुट्टियों में कहीं घूमने जा रहे हो वहाँ आपने कौन-कौन से दर्शनीय स्थल देखे और क्या अनुभव किया अपने विचार अनुच्छेद के रूप में व्यक्त कीजिए।
- 7 संयुक्त व्यंजन व द्वित्व व्यंजन वाले पाँच-पाँच शब्द लिखिए।
- 8 निम्नलिखित शब्दों का वर्ण विच्छेद कीजिए।
1) पुजारी 2) कुर्सी 3) नारियल 4) मटर 5) किसान

COMPUTER

- 1 Define
i) Input device ii) Output device iii) RAM iv) Compact Disc
- 2 **Answer the following questions**
i) Draw IPO cycle of computer with diagram.
ii) Why storage is important in a computer ?
- 3 **AIL:**
Using A4 sheet make a collage of storage devices.
- 4 **Case study**
Rohit is a student who collects e- book, music and photos. He needs a reliable way to store his digital files. Rohit computer's hard drive is almost full and he is worried about losing his files.
Answer the following questions on the basis of above case.
a) What can Rohit do to prevent his data from being lost ?
b) Why is backing up files important ?
c) What is the main secondary storage device of a computer ?