

GURUKUL INTERNATIONAL SCHOOL, Haldwani

HOME WORK FOR SUMMER BREAK (2026-27)

Class- VII

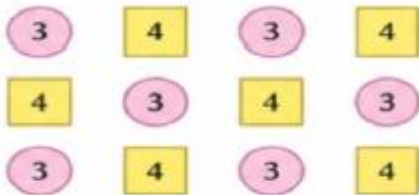
ENGLISH

- 1 Creative Writing:
Write a story about time travel to an ancient civilization (80-100 words). Illustrate it.
- 2 Critical Thinking:
How do you think technology will change communication in the next 10 years? (50-70 words)
- 3 Empathy Project:
Describe a situation where you stood up for someone being bullied. How did it feel ?
- 4 Writing Task:
Draft an email to your friend about an exciting book you've read.
- 5 Grammar Challenge:
Use these semi-modals in sentences: need to, ought to, dare to.
- 6 How does the story 'The Day The River Spoke' highlight the importance of support from others in achieving one's dream ?
- 7 Why does the poet repeat the following words or phrases in the poem 'Try Again' ?
 - a) Tried and tried
 - b) Steadily, steadily; up, up

MATHEMATICS

Analogy

- 1 Chalk is to board, as pen is to paper
Perimeter is to _____ as Area is to _____
- 2 Rahul walks 5 steps north, then 3 steps east. In which direction is he now from the starting point ?
- 3 S is the father of T. T is the sister of U. U is the son of V. What is V to S?
- 4 I have keys but no locks. I have space but no room. You can enter, but you can't go outside. What am I?
- 5 I am an odd number. Remove one letter and I become even. What number am I?
- 6 Find out the sum of the numbers given in each picture below in at least two different ways. Describe how you solved it through expressions
- 7 Decision Making: You have one hour free in the evening. How would you divide your time between study, exercise, and entertainment?
- 8 If x means $+$, $+$ means x , $-$ means \div , then find out the value of the following equation: $6 \times 2 + 3 - 1$



- 9 Algebra : solve : $4m - 6 = 10$
Logical Data Interpretation
- 10 Daily Water Consumption (in litres)

Day	Water Used
Monday	120
Tuesday	135
Wednesday	110
Thursday	150
Friday	145

Prepare a bar graph for given data.

 - i) How much water was used on Wednesday and Thursday together ?
 - ii) Find the difference between Tuesday and Wednesday consumption.
 - iii) What is the total water used during the week?
 - iv) Which days had water usage more than 140 litres?

SCIENCE

- 1 Collect pictures of any five Indian women scientist and list their contributions.
- 2 A person has a white shirt and a black shirt. Which shirt will make him more comfortable in winter and summer ? Give reasons for your answer.
- 3 Using coloured clay prepare a 3-D model of the digestive system and label all parts of the digestive system using black paper strips.
- 4 Write the function of the following parts-
 - a) Stomata
 - b) Villi
 - c) xylem

- 5 Tourists visiting the Iron Pillar of Delhi are surprised to see that it has not rusted much even after many centuries. Why does the pillar resist rusting?
- i) What does this show about ancient Indian metallurgy?
- 6 Case Study -
Read the following passage and answer the following questions that follow:
Venkatesh noticed that during the last year, his voice deepened, he gained height, and started developing a faint moustache. His cousin Devyani also experienced visible changes—her height increased, and her skin developed acne. Their teacher explained that these are normal signs of adolescence, a stage between 10 to 19 years marked by physical, emotional, and mental development.
- i) Which organ in the throat enlarges during adolescence and leads to voice change in boys?
ii) Suggest two healthy habits adolescents should follow for proper growth and development.
iii) A teenager is eating junk food regularly and sleeping very late. How can these habits affect growth during adolescence?
iv) Why is adolescence considered an important stage of life?

SOCIAL SCIENCE

- 1 Define the following terms
a) Tirtha b) Moat c) Constitution d) Democracy e) Architecture
- 2 Differentiate between: Indus valley civilization and second urbanization.
- 3 On the outline map of India, locate and label the following:
a) Himalayan Mountains b) Thar Desert c) Northern Plains d) Western Ghats e) River Ganga
- 4 Why is the Constitution important for a democratic country like India?
- 5 Compare ancient markets with modern markets.
- 6 Draw and decorate a weather chart showing:
a) Temperature b) Rainfall c) Humidity d) Wind Direction
- 7 Prepare a collage on any one topic:
a) Pilgrimages of India b) The Gupta era.
- 8 Activity:
Visit a nearby market and observe different types of shops and services. Write five points about:
a) Goods sold b) Methods of payment c) Price differences
- 9 Project Work:
Make a model or chart showing the major geographical divisions of India and explain their importance in human life and economic activities.

HINDI

- 1 जब आप नीचे दिए गए दृश्य देखते हैं तो आपको कैसा महसूस होता है ? अपने उत्तर के कारण भी सोचिए और लिखिए ।
1 शाम के समय किसी पेड़ पर अनगिनत पक्षी एक साथ चहचहा रहे हैं ।
2 कोई गाय अपने बच्चों को दूध पिला रही है ।
3 कोई व्यक्ति अपने वाहन की खिड़की से कूड़ा बाहर फेंक देता है ।
- 2 कल्पना कीजिए की आपको किसी फूल, कांटे या दोनों के गुणों के साथ जीवन जीने का अवसर मिलता है आप किसके गुणों को अपनाएंगे कारण सहित लिखिए ।
- 3 देश की सीमा पर सैनिक सुरक्षा प्रहरी की भांति खड़े रहते हैं । वह बुरी भावनाओं से अतिक्रमण करने वाले का सामना तोप ,तलवार, बंदूक आदि से करते हैं । आप बताइए की निम्नलिखित स्वदेश प्रेमियों के अस्त्र शस्त्र क्या होंगे ? विद्यार्थी, अध्यापक, कृषक, चिकित्सा, वैज्ञानिक, श्रमिक, पत्रकार
- 4 कल्पना कीजिए की पत्थर आपको अपनी कथा बता रहा है । वो आपसे क्या क्या बातें करेगा और आप उससे क्या क्या कहेंगे ? संकेत (पत्थर – जब मैं नदी में था तो नदी की धारा मुझे बदलती भी थी.....)
- 5 निम्नलिखित विषयों पर संक्षिप्त निबंध लिखिए ।
1 आदर्श विद्यार्थी और नैतिक मूल्य
2 माँ, जीवन की पहली गुरु
3 युद्ध समस्याओं का अंत नहीं, समस्याओं का जन्मदाता ।

COMPUTER

- 1 Which software is used to make spreadsheets?
2 What is a formula in Excel?
3 What is the use of SUM function?
4 Which number system uses digits 0–9 and A–F?
5 Project on Number System Chart.
6 Make a colorful chart on A4 sheet showing:
Binary numbers
Octal numbers
Decimal numbers
Hexadecimal numbers
Their bases and examples
- 6 Paste pictures of Excel window and label its parts.