

GURUKUL INTERNATIONAL SCHOOL, Haldwani

HOME WORK FOR SUMMER BREAK (2025-26)

Class- VII

ENGLISH

1 Speaking Skills

Prepare a 2 minute video on the topic "The Impact of Social Media on teenagers"

Covering the following topics:

- What is social media?
- Positive effects of social media
- Negative effects and risks
- How can one use it wisely ?

Critical Thinking

- 2 Imagine you are a new student, who is spending his first day at Gurukul International School .Write your feelings in a short paragraph.

Speech Writing

- 3 Write a short speech on- "Books are our best friends".
OR
"How Reading Helps Build Imagination and Knowledge"

Poster Making

- 4 Design a colourful and informative poster on "Say No to Plastic". Write slogan, facts and illustrate it through colours.

Paragraph Writing

- 5 Write a short paragraph on "My Favourite IPL Team and Why I support it."
6 Explore the traditional art forms of Madhubani (Bihar) and Pattachitra (Odisha) and paste them in a scrapbook.
Write a paragraph comparing them.

7 Play with letters

Pick out all the letters of your name and write one idiom with each letter and use it in a sentence.

Hint: Ana (Name)

- A – Adding fuel to fire
N – Nine days' wonder
A – At sixth and seventh

8 Case study

I feel I must mention Lily's speech practice last evening on the topic you had assigned. "The person I admire the most" it seemed like a simple and inspiring topic. But Lily chose to speak about her elder brother and she described his struggles with school anxiety and even the times he cried. She spoke with such honesty that I was both proud and shocked .We couldn't let her record and submit it.

- Why did Lily's family stop her submitting the speech ?
- Why was her choice of topic initially considered a good one ?
- How did Lily's speech reveal personal family matters?
- How should children be guided while sharing personal stories in school work ?

OR

Collect photographs of medals given in our country to honour the brave. Paste them on the chart paper. Below each picture write the name of the medal and what it is awarded for ?

MATHEMATICS

- 1 Sama and Fatima participated in a race. The race was conducted in 6 parts. In the first part, Sana won by 10 sec. In second she lost by 37 sec, then won by 20 sec in 3 rd part and lost by 25 sec in 4 th, she lost by 10 sec in 5 th and won by 12 sec in last part.

Draw a table for both candidate and find who is the race winner.

- 2 A fruitseller bought 300 fruits. Out of these, $\frac{2}{5}$ of the fruits were mangoes and rest were apples. $\frac{2}{15}$ of the apples were rotten. He sold the good apples at Rs $4\frac{1}{13}$ each. How much money he receive on selling the good apples.

- 3 Various mode of transport used by 1600 students of a school are given below.

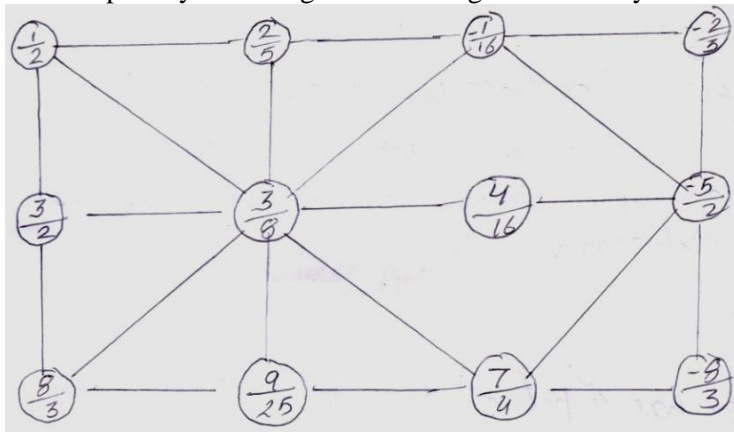
Modes of transport	Car	Cycle	Walking	Bus	Van
No. of student	250	150	150	660	390

Draw a bar graph to represent the above data.

4 Activity

- Draw three different circles and measure the circumference of those circles using threads.
- Cut any 1 circle along the diameters in good number of sections (24, 20 or more) align them together and make a parallelogram.

- 5 Find the path by following the ascending order activity.



- 6 Express the given information in Scientific notation/exponential form and then arrange them in descending order.

S. NO.	NAME OF PLANET	MASS (IN KG)
1	Mercury	3300000000000000000000
2	Venus	4870000000000000000000
3	Earth	5980000000000000000000
4	Mars	6420000000000000000000
5	Jupiter	1900000000000000000000
6	Saturn	5690000000000000000000
7	Uranus	8690000000000000000000
8	Neptune	1020000000000000000000
9	Pluto	1310000000000000000000

- 7 Convert the given percentage into fraction and decimal form.

Percentatge	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Fraction											
Decimal											

8 Case Study based

A car has a petrol tank of capacity 40 litre. It can cover a distance of 200 km with 16 litre of petrol in its tank. Will the car be able to cover the given distance with one full tank ?

- Delhi - Amritsar - 490 km
- Delhi - Jaipur - 260 km
- Delhi - Shimla - 355 km
- Delhi - Ahmedabad - 855 km

SCIENCE

- 1 Prepare a clay model by using (different colours clay) of Human digestive system and label the organs, their associated glands and their functions. Also write interesting facts about the digestive system.

2 Activity 1

Observe nearby surrounding in your home. Find the practical application of conduction, convection, and radiation. Record your findings in the table below.

Practical Application	Type of Heat Transfer	Description
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Activity 2

Observe the following Heterotrophic plants and insert correct information in the given column
Sundew, Bladder Trap, Indian Paintbrush, Mistletoe, orchid, owl's clover, Indian Pipe, lichens.

S. No.	Local Name	Scientific Name	Types of Food	Types of Heterotrophic Nutrition
1	Amarbel	Cuscuta	Nutrients from Host plant	Parasitic Nutrition

3 Define following terms

- Symbiosis
- Stomata
- Villi
- Digital Thermometer
- Gastric Juices
- Radiation

4 Differentiate between

- Digestion in Amoeba & Ruminants
- Absorption & Assimilation

- 5 Study about the scientist who coined the term Photosynthesis and write a short note on his observation and experiments based on Photosynthesis.

- 6 There are many diseases related to our digestive system. Find out any four diseases of the digestive system, their causes and Prevention method.

S. No.	Digestive system	Diseases	Causes	Prevention method

7 **Assertion/Reason.**

In the following questions, there are two statements marked as Assertion (A) and Reason (R). Read them and choose the appropriate option for each part.

- Both A and R are true and R is the correct explanation of A.
 - Both A and R are true and R is not the correct explanation of A.
 - A is false but R is true
 - A is true but R is false.
- Assertion (A):** Plants require nutrients from the soil.
Reason (R): Plants need nutrients like nitrogen, phosphorus and Potassium for growth and development.
 - Assertion (A):** Heat transfer occurs from a hotter body to a colder body.
Reason (R): Heat energy flows spontaneously from a region of higher temperature to a region of lower temperature.

SOCIAL SCIENCE

1 **Make a project in about 4 pages on**

- Natural vegetation and wildlife in India
- Types of vegetation
- Importance of wildlife and vegetation
- Human Impact- Threats to vegetation and wildlife
- Steps for conservation

- 2 Rainwater Harvesting helpful to solve the problem of water shortage in villages. Describe it with a working model of rain water harvesting using waste materials.

- 3 Suppose you were living in a democratic country enjoying all the rights listed in Constitution. Suddenly, you need to travel and live in a 'Monarchical' form of country for a few months.

- Why is it important to have a written Constitution in a democracy ?
- What rights do you enjoy in a democratic country that may not be available in a Monarchy ?

4 **Differentiate between-**

- Tropical and Temperate Grassland
- Western and Eastern Ghats

5 **Define following-**

- Degradation
- Ecosystem
- Chronicle
- Dignity
- constituency

6 **Make a project on -**

United nation report have warned about the excessive release of green house gasses including Carbon dioxide. This lead to global warming. Being a responsible Human being make a project report on ' Ozone Layer' .

Include the following information-

- Where does Ozone layer lie?
- How does it protect us?
- How can damage to the ozone layer be repaired?

7 **Prepare a chart on the following topics-**

- Types of soils in India.
- Climatic zones of the Earth.
- Major Landforms of the Earth

8 **Assertion and Reason.**

In the following questions, there are two statements marked as Assertion (A) and Reason (R). Read them and choose the appropriate option for each part.

- Both A and R are true, and R is the correct explanation of A.
 - Both A and R are true. but R is not the correct explanation of A.
 - A is true but R is false.
 - A is false but R is true
- Assertion (A):** Rivers are important for Human civilisation.
Reason (R): They provide water, support a agriculture and help in transport.
 - Assertion (A):** The governor appoints the chief minister, the council of ministers an all other high ranking officials of the state.
Reason (R): The governor is the Constitutional head of the state.

- 9 Explain the term temperature variation with Heights. The Himalayan ranges lies in India which is near to the equator. Still the mountains in the Himalayas Rangers are covered with snow throughout the year. Explain and paste the pictures related to the topic.

10 Case study

Historical buildings and monuments are an important part of our culture. Sadly, people and sometime natural disaster play and important role in damaging these heritage sites.

- Discuss the role of education in encouraging people to value heritages sites.
- Do you think everyone is responsible for protecting heritage sites ? Why or why not ?
- Suggest two ways you can help to preserve historical buildings and monments.

HINDI

- समाचार पत्र, पत्रिकाओं और टेलीविजन पर आपने ऐसी अनेक घटनाएं देखी-सुनी होंगी, जिनमें लोगों ने बिना किसी लालच के दूसरों की सहायता की हो। ऐसे समाचार व लेख एकत्रित कर कम से कम दो घटनाओं पर अपनी टिप्पणी दें।
- पक्षियों को निम्न में से होने वाली समस्याओं का सचित्र वर्णन कीजिए और उनके संरक्षण के उपाय भी बताइए।
 - मोबाइल टावर
 - शहरीकरण
 - पेड़ों की कटाई
 - प्रदूषण
- कुछ भी सीखने के लिए आरंभ में अनेक कठिनाइयों का सामना करना पड़ता है। आपको क्या सीखने में कठिनाई का अनुभव हुआ ? अपनी आयु, सीखने की विधि, कठिनाइयाँ व सफल होने तक की पूर्ण प्रक्रिया रोचक घटना के रूप में चित्रों के साथ 150 शब्दों में लिखिए।
- अपनी किसी पर्वतीय यात्रा के दर्शनीय स्थलों के बारे में अपने व्यक्तिगत अनुभवों को अनुच्छेद के रूप में लिखिए।
- सार्वजनिक रूप से बोलना-आपके हल्द्वानी क्षेत्र में शिक्षा मंत्री आने वाले हैं, जो नव निर्मित परीक्षा भवन का उद्घाटन करने वाले हैं। उद्घाटन करने से पहले सबके सम्मुख आप उनका परिचय किस प्रकार कराएंगे ?
- मान लीजिए कि आपके घर कोई मेहमान आने वाले है, जो आपके प्रांत का पारंपरिक भोजन करना चाहते हैं, उन्हें खिलाने के लिए घर के लोगों की मदद से एक व्यंजन सूची (मेन्यू) बनाइए।
- विकारी और अविकारी शब्दों की परिभाषा लिखकर दोनों के चार-चार उदाहरण भी दीजिए।
- अपने घर के किन्हीं 10 चीजों के नाम लिखकर उनका वर्ण विच्छेद कीजिए।
- केस अध्ययन**

आप एक बड़े शहर में पुलिस आयुक्त के रूप में तैनात हैं। जहाँ एक विदेशी पदाधिकारी के दौर का कार्यक्रम है। सुरक्षा तैयारियों को ध्यान में रखकर यह निर्णय लिया गया कि उस मार्ग पर किसी भी बाहरी यातायात को अनुमति नहीं दी जाएगी। विदेशी अधिकारी के आगमन के लिए निर्धारित समय से ठीक 15 मिनट पहले आपको सूचना मिलती है कि गंभीर रूप से बीमार एक मरीज निजी कार से अस्पताल ले जाते समय रास्ते में फँस गया है।

 - इस स्थिति में आप अपनी प्राथमिकताएँ कैसे तय करेंगे और क्या कदम उठाएंगे ?
 - यदि आप मार्ग नहीं खोलते हैं तो उससे कौन-सी स्थिति पैदा हो सकती है ?
 - वहाँ भीड़ में उत्पन्न अव्यवस्था को आप कैसे संभालेंगे ?
- परियोजना कार्य**

हिंदी के प्रसिद्ध लेखकों के चित्र एकत्रित करके एक सुंदर कोलॉज बनाइए और उनकी रचनाओं के नाम भी लिखें।

COMPUTER

- Input and Output Devices (AIL)**

Collect pictures-

 - Find and paste pictures of at least 5 input devices and 5 output devices and describe it.
- Define-**
 - Modem
 - Motherboard
 - Decimal number System
 - Radix
- What is the use of Power Point ?
- Solve the following-**
 - Convert the following decimal numbers to binary numbers-
 - 259
 - 166
 - Convert the following binary numbers to decimal numbers-
 - 1111
 - 11101
- What is the main function of the hard disk ? Explain with diagram.
- Name and explain the different types of ports.
- Critical Thinking-**
 - Kartik is applying for a graduate engineering program in a University. He wants to email his application along with the copies of his certificate. Which device will he prefer to create a digital copy of his certificates to attached with his application ?
 - Little Scholars Public School wants to take a backup of its school management information software for record purpose. Which storage devices is the most suitable for this large amount of information?

FRENCH

- Dites 7-8 phrases sur la France.
- Décrivez votre meilleur(e) ami(e). (60 mots)