

GURUKUL PUBLIC SCHOOL GOTAN
SUMMER VACATION ASSIGNMENT 2026-27

CLASS - IX

HINDI :-

1. गर्मी की छुट्टियां – यादगार समय निबंध लिखो।
2. एक सुंदर पोस्टर बनाएं – पर्यावरण बचाओ।
3. अगर मैं एक पेड़ होती / होता – इस विषय पर 8–10 पंक्तियां लिखिए।
4. “ डायरी लेखन– 10 दिन का अनुभव ”
10 दिनों तक रोज 5–6 पंक्तियां लिखे।
हर दिन कुछ नया (जैसे – आज मैंने क्या सीखा , आज मैंने क्या नया किया)

CLASS - IX

ENGLISH:-

1. Summer shopping activity :-
 - (a) Write names of 10 items with price and diagram bought from market.
 - (b) Give the total cost in systematic way.
 - (c) Write a paragraph on your shopping experience.

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MATHEMATICS :-

1. Select any three objects from your home that represent different 3D shapes. (For example:- Cylinder, Cube, Cuboid, Sphere, Cone etc)
2. Measure the required dimensions of each object using a ruler or measuring tape.
3. Identify the shape of each object.
4. Calculate surface area and volume.

Work Format :-

- (a) Object Name :
- (b) Shape :
- (c) Dimensions Measured : (Length, Breadth, Height, Radius etc)
- (d) Formula Used :
- (e) Calculation :
- (f) Final Answer :

Note : You can paste or draw the pictures of the objects.

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SCIENCE:-

Chemistry:

State Interconversion Chart: Create a detailed flow chart illustrating how states of matter change (melting, freezing, sublimation, etc.) and explain the role of latent heat in these processes.

Pure Substances vs. Mixtures: Write a report classifying 10 household items into elements, compounds, homogeneous mixtures, or heterogeneous mixtures. Explain why a solution is considered a mixture and not a compound.

Biology: The Living World

Comparative Cytology: Draw large, neatly labeled diagrams comparing a plant cell and an animal cell. List five structural differences and explain the unique functions of the cell wall and vacuoles in plants.

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SOCIAL SCIENCE:-

1. Write about Green Revolution.

2. Write and explain the features of democracy. Also mention its merits and demerits.

3. Elections in India

- Analyze the general election results or elections held in Lok Sabha and Rajya Sabha.
- What were the emerging trends in the voting patterns?
- What in your view would have been the reasons for this? Collect the opinion from various resources e.g. newspaper, editorials, interviews and current affairs programmes and interviews of ordinary citizens and paste them.
- Paste or draw the symbols of 5 political parties of India and write their manifestos.

4. Increasing Population in India.

- Collect data of population growth from data related to 1990-2001 census of population based on male, female, total population and growth rate.
- Rank the states based on (i) Total population (ii) Male population (iii) Female population (iv) Growth rate.
- Represent it using maps, graphs and charts.
- Also write the causes, effects and precautions of this.

5. Rights

- Write the Fundamental Rights of any two countries and explain them.
- Collect 10 news articles of each country where you find these rights have been violated.
- Mention your point of view on some rights that should be added in the fundamental rights of India.

*Note_ Do holiday homework in a separate copy and project work in a file.

CLASS - IX

COMPUTER :-

The IT-BPM Industry: Research the structure of the IT-BPM industry in India. Explain the difference between an MNC, an ISP, and a Global In-house Center (GIC).

Communication Cycle: Illustrate and explain the components of the communication cycle (Sender, Message, Encoding, Channel, Receiver, Decoding, and Feedback).

Self-Management: Write an assignment on "Time Management Techniques" and "Stress anagement," explaining why these are critical "Soft Skills" for IT professionals.