

PM SHRI Kendriya Vidyalaya
Kurnool

CLASS IX

Summer Vacation

Holiday Home Work(2026-27)

Holiday Homework

English Class 9

1. Write a debate on both for and against the topic “ It is important to learn language apart from your mother tongue.”
2. Complete the following question answers in your notebook.
 - A. “I could’ve asked somebody in this village but I was too embarrassed to do so. I felt so very much dependent and helpless. We are well off but what use is money when I cannot be independent.”
 - a. Who is “I” in these lines?
 - b. Why did she feel dependent?
 - c. What does grandmother mean by “I could have asked somebody”?
 - d. Why would she feel embarrassed?
 - e. What is “being independent” according to her?
 - B. The grandmother in the story “How I Taught My Grandmother to Read” was a very determined woman, yet at the same time very emotional. Justify.
3. Highlight the importance of proper garbage disposal with an aim to create awareness among the city residents. Write a letter regarding the same to the editor of a local daily Hindustan Times. You are Rubal of Shakti Nagar, Delhi.
4. Research the historical background of a literary work and how it influenced the Sudha Murty’s writing. Write an essay discussing the social, political, and cultural factors that shaped the work.

Class 9 (HINDI)

1. निबंध लेखन

“समय का महत्व” (150–200 शब्द)

2. पत्र (औपचारिक)

स्कूल में खेल सुविधाएँ बढ़ाने के लिए प्रधानाचार्य को पत्र लिखिए।

3. संवाद लेखन

“मोबाइल फोन के उपयोग” पर दो मित्रों के बीच संवाद लिखिए।

4. रिपोर्ट लेखन

अपने विद्यालय में आयोजित “स्वच्छता अभियान” की रिपोर्ट लिखिए।

5. अपने घर या आसपास की किसी समस्या (जैसे पानी की बचत, कचरा प्रबंधन) पर पोस्टर या स्लोगन बनाइए।

6.5–10 नए हिंदी शब्द सीखकर उनके अर्थ और वाक्य लिखिए।

SANSKRIT HOLIDAY HOMEWORK

CLASS – 9TH

- (1) पुस्तके विद्यमान द्वितीय पाठस्य अभ्यासकार्यं कृत्वा आनयन्तु ।
- (2) स्व इच्छया एका सर्जनात्मक कथा लिखित्वा आनयन्तु ।

PMSHRI KENDRIYA VIDYALAYA, KURNOOL-518002.

CLASS:IX

SUBJECT: MATHEMATICS.

*** SUMMER HOLIDAYS HOMEWORK***

1) A Slice of the Pie.

1) Prepare a pie chart showing family expenditures of the various activities- Rent, Food, Education, Entertainment, Electricity, Travel, Medicines and Miscellaneous of your family .(Take in percentages)

2) A small pump can fill a tank in 3 hours , while a large pump can fill the same tank in 2 hours.If both pumps are used together , how long will the tank to fill?

3) A car takes 2 hours to reach a destination, travelling at a speed of 60 km/h. How long will the car take if it travels at a speed of 80 km/h?

4) Draw a net with appropriate measurements that can be folded into a regular tetrahedron. Verify if it works by making an actual cutout.

5) Draw a net with appropriate measurements that can be folded into a square pyramid. Verify if it works by making an actual cutout.

6) Find the front view, top view and side view of each of the following solids. Fixing with respect to the Vertical, horizontal and side planes: 1) Cube 2) Cuboid 3) Parallelepiped 4) Cylinder 5) Cone 6) Prism and 7) Pyramid.

7) Find the mean of the following data and share your observations:

(i) The first 100 natural numbers.

(ii) The first 50 odd numbers

(iii) The first 50 multiples of 6.

8) The mean of the numbers 8,13, 10, 4, 5, 20,y, 10 is 10.375, find the value of y.

9) Individual project: Make your own activity strip for different days of the week.

(i) Do you eat and sleep at regular times every day? Typically how long do you spend outdoors?

(ii) Calculate the average time spent per activity. Represent this average day using a strip.

(iii) Similarly, track the activities of any adult at home. Compare your data with theirs.

10) Small group project: Make a group of 3-4 members. Do at least one of the following.

(i) Track daily sleep time of all your family members for a week. Daily sleep time includes night sleep, naps and any sleep during the day.

(a) Represent this on strips.

(b) Put together the data of all your group members. Calculate the average and median sleep time of children, adults, elderly.

(c) Share your findings and observations.

***THE END ***

Class 9 Science – Summer Holiday Homework

Physics

1. Chapter: Motion

Define:

Distance and Displacement

Speed and Velocity

Acceleration

Draw distance-time and velocity-time graphs.

Solve 5 numericals based on motion.

2. Activity

Observe moving objects around you (bike, car, fan).

Write:

Type of motion (uniform / non-uniform)

Reason

Chemistry

1. Chapter: Matter in Our Surroundings

Explain:

States of matter (solid, liquid, gas)

Change of state (melting, boiling, evaporation)

Write differences:

Evaporation vs Boiling

2. Chapter: Is Matter Around Us Pure

Define:

Mixture and Pure Substance

Elements, Compounds

Write types of mixtures:

Homogeneous and Heterogeneous

3. Activity

Make a list of 10 mixtures from daily life and classify them.

Biology

1. Chapter: The Fundamental Unit of Life

Draw and label:

Plant Cell

Animal Cell

Write functions of:

Cell membrane

Nucleus

Cytoplasm

2. Chapter: Tissues

Define tissue.

Explain types:

Plant tissues

Animal tissues

3. Activity

Observe onion peel under microscope (if possible) and write observation.

Science Project Work (Very Important)

Project Topic (Choose Any One)

Water Pollution and Its Effects

Air Pollution in Your Area

Save Environment

Importance of Plants in Daily Life

Project Guidelines

Cover page (Name, Class, Section)

Index

Introduction

Content (with headings)

Diagrams / Pictures

Conclusion

Bibliography

Experiments / Activities

Write and perform (if possible):

Separation of Mixtures

Method: Filtration or Evaporation

Evaporation Activity

Observe drying of wet clothes

Density Experiment

Compare oil and water

Assignment Questions

Answer the following:

Why is evaporation faster in summer?

Differentiate between mass and weight.

What is diffusion? Give examples.

Why is cell called the basic unit of life?

What is the difference between solution and suspension?

HOLIDAY PROJECT – SOCIAL SCIENCE

CLASS IX

Theme: “Understanding Society Around Me”

1. Reading Activity

Read any newspaper articles related to society, environment, or economy.

Maintain a Reading habit and write everyday's positive news.

2. Writing Activity

A. Holiday Diary

Write about:

Places you visited / activities done

Social or environmental observations

OR essay on any one of the.

“Role of Youth in Society”

“Importance of Natural Resources”

“My Responsibilities as a Citizen”

3. Creative Expression

Make a handmade mini-book on:

EBSB Ek Bharat Shreshtha Bharat (Either Punjab or Andhra Pradesh)

Drawings / pictures

Short explanations

4. Interactive Learning

Discuss with parents/elders:

“How society has changed in the last 20 years”

Write a short report (1 page) based on discussion.

PMSHRI KENDRIYA VIDYALAYA KURNOOL

CLASS IXTH : ARTIFICIAL INTELLIGENCE ,CODE: 417

HOLIDAYS HOMEWORK

Unit – 1

Communication Skill:

1. Definition of Communication
2. Elements of communication
3. Factors affecting perspectives in communication
4. Basic principles of professional communication skills(7c's)
5. Different Methods of Communication
 - * Verbal Communication
 - * Non-verbal Communication
6. Writing Skills