

PURAMUFTI PUBLIC SCHOOL & COLLEGE

PRAYAGRAJ, PURAMUFTI

CLASS - 9TH (E.M+H.M.)

SUBJECT:- HINDI

SUMMER VACATION HOME-WORK (2026-27)

हिन्दी गद्य साहित्य

1. हिन्दी गद्य साहित्य के विकास को चार्ट पेपर पर दर्शाइए। (पेज नं.-10)
जैसे:- भारतेन्दु युग- 13वीं शताब्दी से 1868 ई. तक
2. भारतेन्दु युग के गद्य लेखकों और उनकी रचनाओं के नाम लिखिए।
3. प्रतापनारायण मिश्र का चित्र बनाकर जीवन परिचय और रचनाएँ लिखिए। (पेज नं.-28)

हिन्दी पद्य साहित्य

1. कबीरदास का चित्र बनाकर उनका जीवन परिचय तथा रचनाएँ लिखिए। (पेज नं.-117)
2. नीचे लिखें दोहों को सन्दर्भ सहित व्याख्या कीजिए। (पेज नं.-120)
(क) सतगुरु हम सँ रीझि करि, एक कथा प्रसंग।
बरस्या बादल प्रेम का, भीजि गया सब अंग।।
(ख) राम नाम के पटतरे, देबे कौं कछु नाहिं।
क्या ले गुरु संतोषिए, हौंस रही मन माँहि।।

एकांकी

1. दीपदान कहानी की कथावस्तु अपने शब्दों में लिखिए।

व्याकरण

1. दस विलोम शब्द लिखिए।
जैसे:- माता -पिता
2. दस पर्यायवाची शब्द लिखिए।
जैसे:- चाह, अभिलाषा, लालसा
3. अवकाश के लिए प्रार्थना-पत्र लिखिए।

SUMMER VACATION ASSIGNMENT

SUBJECT - ENGLISH (Class 9th)

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Make a Creative Project File

Write the Central Idea of the following poems in 80–100 words each:

1. The Road Not Taken
2. Wind

Literature Section

Answer the following questions:

The Fun They Had

1. Who were Margie and Tommy?
2. Why did Margie hate school?
3. What did Tommy find in the attic?
4. Why did Margie think the old schools were better?
5. Describe the mechanical teacher.

The Sound of Music

1. Who was Evelyn Glennie?
2. How did Evelyn lose her hearing?
3. Who helped Evelyn to continue music?
4. Why is Evelyn an inspiration for all?
5. What message do you get from Evelyn's life?

Draw or paste pictures related to the lessons and write five lines about each.

Topics:

- Margie and Tommy's School
- Old Schools vs Modern Schools
- Evelyn Glennie Performing Music
- Wind and Nature
- Two Roads in a Forest

Make any ONE:

- Mind Map
- Flow Chart
- Character Web

Topics:

- Margie's School Life
- Evelyn Glennie's Success Journey
- Message of "The Road Not Taken"
- Power of Nature in "Wind"

Write any 10 inspirational quotations related to:

- Education
- Hard Work

- Nature
- Courage
- Success

Example:

“Success comes to those who work hard and stay determined.”

Grammar Section

Noun

Identify the Nouns and write their kinds:

1. Honesty is the best policy.
 2. Ravi bought a new bicycle.
 3. The crowd cheered loudly.
 4. Gold is a precious metal.
 5. Delhi is the capital of India.
 6. Childhood is the happiest period of life.
 7. The team won the match.
 8. Riya loves music.
 9. The teacher praised the students.
 10. Wisdom comes with experience.
-

Pronoun

Identify the Pronouns and write their kinds:

1. She is my best friend.
 2. They completed their work.
 3. This is my notebook.
 4. Someone is knocking at the door.
 5. Each of the boys was present.
 6. We should respect our elders.
 7. Which is your pen?
 8. Nobody helped him.
 9. I can do it myself.
 10. Those are beautiful flowers.
-

Letter Writing

Formal Letters

1. Write a letter to the Principal requesting extra English classes.
 2. Write a letter to the Principal requesting permission for library use during holidays.
 3. Write a letter to the Editor about the importance of education.
 4. Write a letter to the Principal requesting leave due to illness.
 5. Write a letter to the Municipal Commissioner about dirty roads in your locality.
-

Informal Letters

1. Write a letter to your friend describing your summer vacation.
2. Write a letter to your friend about your favourite poem.
3. Write a letter to your cousin about the importance of reading books.
4. Write a letter to your friend inviting him/her to your birthday party.
5. Write a letter to your younger brother advising him to study regularly.

Essay Writing

Write an essay on any three topics:

1. Importance of Education
 2. Save Environment Save Earth
 3. Importance of Discipline
 4. My Favourite Teacher
 5. Role of Technology in Education
 6. Value of Time
 7. Online Education
 8. Hard Work is the Key to Success
-

Vocabulary Work

Write meanings and make sentences of the following words:

1. Virtual
 2. Attic
 3. Determination
 4. Courage
 5. Inspiration
 6. Choice
 7. Strength
 8. Destroy
 9. Wisdom
 10. Opportunity
-

Newspaper Work

Read an English newspaper daily and write:

- 20 difficult words
- Their meanings
- One sentence for each word

Suggested Newspapers:

- The Hindu
 - The Times of India
 - Hindustan Times
-

Reading Work

Read any English story book or newspaper for 15 minutes daily and write:

- Name of the story/article
 - Main idea
 - Five new words learned
-

Nature Observation Work

Observe nature around you and write five lines on:

- Rainy Day
- Trees
- Birds
- Morning Scene

- Summer Season
-

Creative Poster Making

Make any one poster on:

- Save Water
 - Clean India
 - Say No to Plastic
 - Importance of Education
 - Save Trees
-

Self-Reflection Writing

Write a short paragraph on:

1. What new things you learned during holidays
 2. How you improved your English
 3. Your favourite activity in this project work
-

Project Decoration

Make your project attractive by using:

- Colored headings
 - Borders
 - Drawings
 - Pictures
 - Creative designs
 - Quotes
-

✿Best Wishes for Happy Holidays and Joyful Learning! ✿

SUMMER VACATION ASSIGNMENT

SUBJECT - MATHS (Class 9th-H.M.)

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Question 1: Write in detail about the life of any Indian mathematician and tell about his great achievements in the field of mathematics and also paste a coloured picture of the concerned mathematician.

(i) Aryabhata (ii) Srinivasa Ramanujan (Ramanujam)

Question 2:

LESSON	EXERCISE (QUESTION NO.)
Number System	Exercise 1.4 (2, 5)
	Exercise 1.5 (1, 2, 3 all)
Polynomial	Exercise 2.3 (3,4, 5)
	Exercise 2.4 (2,4,7,13,14,15) and all formula

नोट:- सभी प्रश्न फाइल के पेज में लिखने बिन नहीं तथा फाइल की सजबिट अति आवश्यक है।

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CLASS - 9 | PHYSICS SUMMER VACATION HOMEWORK | CHAPTER: MOTION



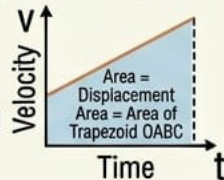
PART 1: CONCEPTUAL UNDERSTANDING

1. Write two main differences between distance and displacement.
2. Explain uniform and non-uniform motion with daily life examples.
3. Define average speed and average velocity.



PART 2: EQUATIONS OF MOTION

- Prove the first equation of motion ($v = u + at$) using the graphical method ($v = u + at$) derize.
- Derive the third equation of motion ($v^2 - u^2 = 2as$).



PART 3: NUMERICAL PROBLEMS

1. A car moving at 72 km/h comes to rest in 10 seconds by applying brakes. Calculate the deceleration (negative value of acceleration).
2. An athlete completes one lap of a 200m circular track in 40 seconds. What will be the distance and displacement at the end of 2 minutes 20 seconds?
3. An object starts from rest and with an acceleration of 5 m/s^2 , how much distance will it cover in 4 seconds?



PART 4: ACTIVITY & OBSERVATION

Walking speed experiment:

1. Mark a distance of 30 meters on the ground using a meter scale or tape.
2. Record the time (t_1) taken to cover the distance walking at a normal speed using a stopwatch.
3. Now record the time (t_2) taken to cover the distance walking at a fast speed.
4. Calculate the speed in m/s for both conditions.
5. Find out how long it takes to run 30 meters and calculate the running speed.



TIPS: Always use SI units and be precise in calculations. Have fun!



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ESTD. [appropriate year, e.g., 2005]

SUMMER VACATION HOMEWORK

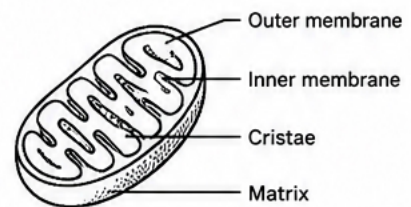
CLASS 9 - ENGLISH MEDIUM

SUBJECT: BIOLOGY

SECTION A: DIAGRAM & VISUALS

Draw the following prompts:

- Draw Plant Cell
- Draw Animal Cell
- Draw Mitochondria



SECTION B: CONCEPTUAL QUESTIONS

- What function does the cell discover?
- What discovers osmosis?
- How many immovable lysosomes?
- What is the function of DNA?

SECTION C: OBSERVATIONAL EXPERIMENT

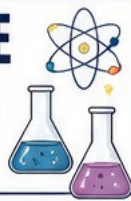
Add your experiment.

1. What are all cell organelles? List and briefly define the main function of each. Then, conduct the raisin and salt water experiment and record results.

SECTION D: ORGANELLE FUNCTION TABLE

Complete the organelle function table:

Organelle	Plant Cell	Animal Cell	Function



Name : Class : IX Section : Roll No. : Date :

CHEMISTRY WORKSHEET

CHAPTER 1 – MATTER IN OUR SURROUNDINGS

A. VERY SHORT ANSWER TYPE QUESTIONS

1. Define matter.
2. List any two characteristics of particles of matter.
3. What is diffusion?
4. Name the state of matter which has a definite shape and volume.
5. What is the SI unit of pressure?
6. What do you understand by interparticle space?
7. Name the process by which a liquid changes into gas at any temperature below its boiling point.
8. What is evaporation?
9. Name any two factors which affect the rate of evaporation.
10. What is sublimation?

(1 Mark Each)

B. SHORT ANSWER TYPE QUESTIONS

(2 Marks Each)

1. How are the characteristics of particles of matter responsible for the properties of solids, liquids and gases?
2. Differentiate between diffusion in solids, liquids and gases.
3. What is meant by change of state? Give two examples.
4. Describe the process of evaporation.
5. Why does the rate of evaporation increase with increase in temperature?
6. What is the effect of pressure on the boiling point of a liquid?

C. LONG ANSWER TYPE QUESTIONS

(3 Marks Each)

1. Explain the three states of matter on the basis of (i) shape (ii) volume (iii) compressibility (iv) diffusion.
2. Describe with the help of diagrams the following changes of state : (i) Melting (ii) Boiling (iii) Sublimation (iv) Condensation
3. Explain how temperature affects the physical state of matter.
4. What are the factors on which the rate of evaporation depends? Explain each with an example.

D. NUMERICAL QUESTIONS

1. Convert the following temperature to °C :
(a) 300 K (b) 573 K (c) 250 K
2. Convert the following temperature to Kelvin (K) :
(a) 27°C (b) 100°C (c) -23°C
3. A gas occupies a volume of 2.5 L at a pressure of 1 atm. If the pressure is increased to 1.5 atm at constant temperature, what will be its new volume?
4. At what temperature will the Fahrenheit and Celsius scale readings be numerically equal?
5. The boiling point of water is 100°C at 1 atm pressure. What will be the boiling point at 760 mm Hg pressure?

(3 Marks Each)

Important Values

- 0°C = 273 K
- K = °C + 273
- °C = K - 273
- 1 atm = 760 mm Hg



E. HOTS (HIGHER ORDER THINKING SKILLS) QUESTIONS

(4 Marks Each)



1. Water can exist in all the three states on the earth naturally. Give reasons.
2. Why does a desert cooler cool the air even though there is no decrease in temperature?
3. Suppose the interparticle spaces in a solid suddenly increase to that in a gas. What changes would you expect in its properties?
4. Air is a mixture of gases. Why can smell of a perfume kept in one corner of the room be detected from the other corner?
5. Why does cotton dry faster in sunlight than in shade?

F. TRUE / FALSE

(1 Mark Each)

1. Matter has mass and occupies space. ()
2. The interparticle space is maximum in solids. ()
3. Diffusion is fastest in solids. ()
4. Evaporation takes place only at the boiling point. ()
5. Increase in temperature decreases the rate of evaporation. ()
6. Boiling point of water decreases with increase in pressure. ()

G. FILL IN THE BLANKS

(1 Mark Each)

1. Matter exists in _____ states – solid, liquid and gas. ()
2. The process of change of a liquid into gas on heating is called _____.
3. At room temperature, water is a _____.
4. On cooling, water changes into _____ at 0°C.
5. The molecules of a gas have _____ kinetic energy.
6. The cucumber and leaves keep fresh if we sprinkle water on them because of _____.

H. MATCH THE FOLLOWING

Column A

Column B

- | | |
|-----------------|--------------------------------------|
| 1. Melting | (a) Liquid to gas |
| 2. Boiling | (b) Solid to gas |
| 3. Sublimation | (c) Gas to liquid |
| 4. Condensation | (d) Solid to liquid |
| 5. Evaporation | (e) Liquid to gas (at boiling point) |

(Write the correct option e.g. 1 – (d))

I. PROJECT WORK

Prepare a project file on the topic "Changes of State in Our Daily Life". Include the following points:

1. Introduction
2. Different changes of state with neat diagrams
3. Examples from daily life
4. Factors affecting these changes
5. Conclusion
6. Bibliography



LEARNING OUTCOMES –

- Understand the nature and properties of matter.
- Learn about the three states of matter and their interconversion.
- Understand factors affecting evaporation and boiling.
- Apply knowledge in real life situations.

"Study of matter is the beginning of understanding the world around us."



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CLASS - 9TH (E.M)

SUBJECT:- SOCIAL SCIENCE

SUMMER VACATION HOME WORK (2026-27)

HISTORY

Chapter-1 The French revolution

Question-1 Reading main points of this chapter-

- French society during the late eighteenth century.
- France Abolished monarchy and becomes a Republic.
- Did woman have a revolution?

Question-2 Short Answer type Question

- Mention two causes responsible for the struggle for survival in France.
- Explain the following events of the French revolution.
 - (i) Tennis court oath.
 - (ii) Fall of Bastille.

Geography

Chapter-1 India: Size and Location

Question:- Reading points of this chapter

- Size and Location
- India and the World.
- Indian's Neighbours.

Map Based Question

Question-A Two features are shown on the outline map of India. Identify these features and

Write their names on the lines marked on the map.

- (i) A Mountain range in Uttarakhand.
- (ii) The highest peak in the Himalayas in India.

Question-B On the Map locate and label the following with appropriate symbols:-

- (i) A Region of the peninsular plateau which is triangular in shape.
- (ii) Bomdila pass
- (iii) K₂ Mountain peak.

CIVICS

Question-1 Reading main points of this chapter.

- Organization of Production.
- Farming in Palampur.
- Non-farm activities of Palampur.

Question-2 Short answer type question:-

- (i) What was the green Revolution? How did solve the food crisis in India? Explain.

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PRAYAGRAJ, PURAMUFTI

CLASS - 9,10TH (E.M)

SUBJECT:- ART

SUMMER VACATION HOME-WORK (2026-27)

Question-1 What is the use of art in human life? Write.

Question-2 What is a photograph.

Question 3: What is a graph? How many types are these?

Q.4 Make a poster on one of them.

- 1. Have mercy on the living.**
- 2. Environmental pollution.**
- 3. Women empowerment.**
- 4. Draw a drawing based on Indian flowers.**