



DAV PUBLIC SCHOOL

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SUMMER VACATION HOLIDAY HOME WORK (2025-26)

Class: IX

ENGLISH

1. Write the different structures of Present, Past and Future Tenses separately on chart-papers.
2. Explain "Determiners" with all the types giving some examples separately on chart-papers.
3. Learn & Write all the question-answers of the taught chapters from both the literature books.
(Make a separate copy naming VACATION HW COPY)
4. Write summary of all the taught chapters from both the literature books including poems.
5. Write the biography in brief of any five English Literary Personalities of your own choice in A4 size pages.

HINDI

1. कक्षा में कराए गए सभी कार्यों को याद करें एवं अभ्यास करें।
2. पढ़ाए गए पाठ से किसी एक कवि या लेखक के जीवन परिचय लिखें तथा सुंदर चित्र बनाएं।
3. कृतिका पूरक पुस्तक से दो कहानियों का अध्ययन करें।
4. ग्रीष्मावकाश में नियमित रूप से समाचार-पत्र पढ़ें एवं प्रतिदिन चार समाचारों की सूची तैयार करें।

SANSKRIT

1. अपने विद्यालय के बारे में २० वाक्य संस्कृत में लिखें।
2. वर्णों के उच्चारण स्थान संस्कृत में लिखें।
3. माता और बालक का शब्द रूप लिखें।
4. वद का धातुरूप पाँचों लकारों में लिखें।
5. पाठः - प्रथमः, द्वितीयः तृतीयः च पाठात् शब्दान् चित्वा लिखन्तु सन्धिम्, उपसर्गं, अव्ययं, धातुं प्रत्ययम् च

MATHS

ASSIGNMENT: Do exercise 2.4 of chapter -2 Polynomials in a separate copy. Write and learn all the identities of chapter -2 (From NCERT BOOK)

PROJECT: Represent $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$ and $\sqrt{9.3}$ on the number line on a chart paper (Neat and Clean).

SCIENCE

PHYSICS

1. A particle is moving in a circular path of radius r. The displacement after half a circle would be:
(a) Zero (b) πr (c) $2r$ (d) $2\pi r$
2. A body is thrown vertically upward with velocity u, the greatest height h to which it will rise is,
(a) u/g (b) $u^2/2g$ (c) u^2/g (d) $u/2g$
3. The numerical ratio of displacement to distance for a moving object is
(a) always less than 1 (b) always equal to 1 (c) always more than 1 (d) equal or less than 1
4. If the displacement of an object is proportional to square of time, then the object moves with
(a) uniform velocity (b) uniform acceleration (c) increasing acceleration (d) decreasing acceleration
5. From the given v-t graph, it can be inferred that the object is
(a) in uniform motion (b) at rest (c) in non-uniform motion (d) moving with uniform acceleration
6. Suppose a boy is enjoying a ride on a merry-go-round which is moving with a constant speed of 10 m/s . It implies that the boy is
(a) at rest (b) moving with no acceleration (c) in accelerated motion (d) moving with uniform velocity

7. Area under a $v - t$ graph represents a physical quantity which has the unit
(a) m^2 (b) m^3 (c) m (d) m/s
8. Slope of a velocity — time graph gives
(a) the distance (b) the displacement (c) the acceleration (d) the speed
9. In which of the following cases of motions, the distance moved and the magnitude of displacement are equal?
(a) If the car is moving on straight road (b) If the car is moving in circular path
(c) The pendulum is moving to and fro (d) The earth is revolving around the Sun
10. The displacement of a moving object in a given interval of time is zero. Would the distance travelled by the object also be zero? Justify your answer.

CHEMISTRY

- I. Do and write activity related to latent heat of fusion & vaporization on A4 size paper.
- II. Write and explain the characteristics of particle of matter on A4 size paper.
- III. Do and write an experimental set – up to demonstrate the sublimation of Ammonium Chloride.
- IV. Do and learn all questions answer of chapter 1.

BIOLOGY

1. How does a plant cell differ from an animal cell?"
2. Explain the role of the cell membrane in regulating the entry and exit of substances."
3. What are the key differences between prokaryotic and eukaryotic cells?"
4. How does an amoeba obtain its food?"
5. Why are lysosomes called 'suicide bags'?"
6. What is the function of the cell wall in a plant cell?"
7. What are the key steps in the process of osmosis?"
8. Describe the structure and function of the mitochondria."
9. What are the key differences between diffusion and osmosis?

SOCIAL SCIENCE

HISTORY

Chap.- The French Revolution

i) Identity and locate :-

- a) Bordeaux b) Nantes c) Paris d) Marseille

Project Pork

ii) Do and learn the exercise of the chapter The French Revolution.

Geography

Chapter- India -Size and Location.

- a) Map work of India with it's State Union territories, Standard Meridian, important Latitudes and Longitudes.
- b) Do and learn the exercise of the chapter India- Size and Location.

Civics

- a) Do and learn the exercise of the chapter What is Democracy? Why Democracy?

Economics

- a) Make a Project on factors for Production.

COMPUTER

Answer the following questions

- 1) What are verbal communications? Give one example for oral communications.
- 2) What are the advantages and disadvantages of verbal communications?
- 3) What is the importance of writing skills in communications?
- 4) What do you mean by self-management skills?
- 5) How can one build self-confidence?
- 6) What are the differences between interests and abilities?