

CBS.MEM.SR.SEC.SCHOOL
SUMMER HOLIDAYS HOMEWORK JUNE 2025
CLASS 9TH

HINDI:- 1. दो बैलों की कथा 2. ल्हासा की ओर 3. सांवले सपनों की याद 4. प्रेमचंद के फटे जूते (सभी पाठों के प्रश्न लिखे और याद करें)।

5. समास के भेदों का वर्णन करते हुए उनकी परिभाषा लिखें ।

6. सत्संगति का महत्व बताते हुए अपने छोटे भाई को पत्र लिखिए एवं याद करें ।

7. डाकिए की शिकायत करते हुए डाकपाल को पत्र लिखिए व याद करें ।

8. भ्रष्टाचार, पर्यावरण प्रदूषण, व्यायाम का महत्व पर निबंध लिखें और याद करें ।

परियोजना कार्य ---

1. कबीर दास की साखियों के आधार पर एक परियोजना तैयार करें और परियोजना के लिए रंगीन चित्रों का प्रयोग करें। 2. कोई पांच कहानी पढ़ें और उनसे क्या शिक्षा मिलती है लिखें।

3. अलंकार पर एक चार्ट बनाएं।

English :- Write/ Learn complete Chapter 1 to 3 . (Moment Book) in holiday homework notebook.

English Grammar - Revise complete Chapter 1, 2 . 1. Write/Learn 10-10 difficult words and their meaning of Chapter 1 to 3 in Holiday Homework Notebook. 2. Read and write 15 news headlines from English Newspaper . 3. Do five sentences Hindi to English translation daily in notebook. 4. Think about two incidents from your school life . One that deeply embarrassed you and another that makes you feel really proud . Choose one of these two incidents and write a short note about it . 5. Make a chart on Tenses representing its rules.

Maths. Written work: * Number systems , Polynomials , Coordinate Geometry, Linear equations into varia Make a chart of identities ch-2 Make a chart of 3D shapes

Revision Work: * Number systems Polynomials Co-ordinate geometry Table: 10 to 25

Activity Card : Prepare a model of Pythagoras Theorem (Use Thermocol Sheet)

Science

(Physics) Practical Activity (Any 1) 1. Measuring Average Speed in Real Life Record the time taken to walk 100 meters thrice and calculate the average speed. Represent your results graphically (distance-time graph).

2. Graph-Based Observation Activity

Draw a distance-time graph and velocity-time graph from hypothetical data.

Comment on the nature of motion in each case.

Assignment Questions (10 Questions)

1. Define displacement and differentiate it from distance with examples.

2. A car accelerates from 10 m/s to 30 m/s in 5 seconds. Find the acceleration and distance covered.

3. State and explain all three equations of motion.

4. A body is thrown vertically upward with velocity 20 m/s. Find the maximum height.

5. Distinguish between uniform and non-uniform motion with graphs.

6. Define average and instantaneous speed.

7. Explain retardation with a numerical example.

8. A train moves with uniform acceleration of 2 m/s^2 . How long will it take to move 100 m?

9. Plot a distance-time graph for:

(a) Uniform motion

(b) Non-uniform motion

(c) Body at rest

Construct a working model demonstration periodic and oscillatory motion both.

Chemistry- Learn and write ch.1 notes Learn and solve NCERT exercise of chapter -1
Solve given assignment

Activity - To demonstrate that matter is made up of particles

Biology

- Learn chapter-1 complete
- Make a 3D model of either of the plant cell or animal cell by using clay, cardboard, thermocol and household materials or use different colour material to represent organelles like nucleus, mitochondria etc.
- Activity- show osmosis using raisins.

How- soak dry raisins in water overnight to observe the size change and write it in your notebook .

Now place soaked raisins in salt water and observe their result and write it in your notebook .

Explain the process occurring in this activity.

- Make a chart on mitosis and meiosis. Make at least 20 one word or very short question answer of chapter - 1 in your rough notebook.

Assignment of Biology

The Fundamental Unit of Life

1. Why is the cell called the fundamental unit of life?
2. Difference between prokaryotic and eukaryotic cells.
3. Function of plasma membrane and its selective permeability.
4. Osmosis and its real-life applications.
5. Why do plant cells have both cell wall and cell membrane, but animal cells only have a cell membrane?
6. Role of organelles (Mitochondria, Golgi apparatus, ER, Lysosomes).
7. How are chloroplasts different from mitochondria?
8. What would happen if lysosomes burst in a cell?
9. Differences between plant and animal cells.
10. Why are cells so small?
11. Why do plant cells become turgid in a hypotonic solution, but animal cells may burst?
12. How does the structure of mitochondria help in its function?
13. Why do onion cells shrink when placed in salt water? What is the phenomenon called?
14. If a cell is placed in a sugar solution and it swells, what can you infer about the concentration of the solution?
15. What would happen if the plasma membrane loses its semipermeable nature?
16. Why do mature plant cells have large vacuoles while animal cells do not?
17. If ribosomes are removed from a cell, what processes would be affected and why?
18. How would a defect in lysosomal enzymes affect the health of cell?
19. Why do mitochondria and chloroplast show features of a prokaryotic cell?
20. What would happen if golgi apparatus removed from the cell?

S.st

Learn Given Lessons and make one word questions (At least 15 / que) out of the given lessons- India size and Location, Physical features of India, Drainage System in india, Story of village

Palampur

(Note- Make a model also out of the given lessons)

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Happy Vacation