

PM SHRI KENDRIYA VIDYALAYA, DHARMAPURI

Winter Break Holiday Homework (2025-2026)

Subject: Science

Class: VI

Instructions: Write your assignments in A4 Sheets. Answer for all the questions and use one sheet for each question.

1. Gather information on different materials which can be recycled. You can take help from various sources such as newspapers, magazines, talking to elders in your community, and the internet.
2. Gather information from the internet and find out how the body temperature of animals, such as a cat, dog, horse, camel, cow and buffalo, is measured. If there is any veterinary hospital in your vicinity, you may visit to see the body temperature of animals being measured.
3. Be a Reporter: I) Gather newspaper clippings and articles related to various methods of separation implemented in your society, such as in agricultural fields or at construction sites.
II) Conduct interviews with local farmers to explore the latest agricultural separation methods that they use.
4. Make a field trip to a local garden. Interact with a gardener to learn about various conditions and the time required for the growth of various plants.
5. In your opinion, would the environment affect the lifecycles of insects? Explore and list the factors that affect the life cycles of insects.

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Class: VII

Instructions: Write your assignments in A4 Sheets. Answer for all the questions and use one sheet for each question.

1. Design an activity for measuring the pulse rate of your friends. Think of an activity where you can use your pulse to measure time and develop a story over that idea.
2. Gather the timings of the winners of the races—100m, 200m, and 400m for men and women in the last two Olympic games. Calculate and compare their speeds. In which event is the speed the fastest?
3. What are the good practices for maintaining oral hygiene? Try to gather information on the same from book/newspapers/conversation with elders. Prepare a report.
4. Try to read about the box breathing technique. What are its benefits.

5. How are plant processes like photosynthesis, respiration, and water and food transportation crucial for crop production?

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Subject: Science

Class: VIII

Instructions: Write your assignments in A4 Sheets. Answer for all the questions and use one sheet for each question.

1. Search for discoveries of some elements such as phosphorous, sodium, compounds such as penicillin and mixtures such as brass, bronze, stainless steel.
2. Research project on Dead Sea: Why is there no aquatic life in the dead sea? Try to find out if there are any other similar water bodies.
3. Investigate how well common salt dissolves in different solvents, such as water, vinegar, and oil. Compare the solubility of salt in each solvent and record your observations.
4. Most of the dates in the Indian National Calendar always map to the same dates in the Gregorian calendar. Can you find out which ones may differ for certain years?
5. In Arunachal Pradesh, the Nyishi and Mishmi tribes treat the tiger as sacred. In Chhattisgarh, The Baiga tribe worships Bagheshwar or Bagesur Dev and believes the Tiger is the protector of the forest. Find out about another Indian tribe that has a special bond with any animal.