

KENDRIYA VIDYALAYA UDALGURI
SUMMER VACATION HOLIDAY HOMEWORK

Subject: Science

Class 6

- 1."Complete Activity 2.7 from your science textbook, which can be found on page 19."
2. Draw the diagrams of leaves exhibiting reticulate venation and parallel venation.

Class 7

- 1.Research and write an assignment on climate change.
- 2.Draw a diagram of plant illustrating the process of photosynthesis.
(Diagram in A4 size paper).

Class 8

Write assignments on the topics given below:

1. Loss of biodiversity and government projects/initiatives to combat with related issues.
2. Conservation of biodiversity and associated scientists of India.

Class 9

1. Observation of Change in States of Matter

Objective: Show melting, freezing, condensation, and evaporation.

Materials: Ice cubes, a glass, water, a spoon, and a heating source.

Instructions: Observe how ice melts
into water and how water evaporates.

Record temperature changes and time.

2. Effect of Surface Area on Evaporation

Objective: Understand how surface area affects evaporation.

Materials: Water, a plate, a bowl, and a glass.

Instruction: Pour equal amounts of water and observe evaporation speed.

Class 10

1. Explain the following in terms of gain or loss of oxygen with two examples each.

(a) Oxidation

(b) Reduction

2. Why do we apply paint on iron articles?

3. Oil and fat containing food items are flushed with nitrogen. Why?

4. Explain the following terms with one example each.

(a) Corrosion

(b) Rancidity