St. Andrews Scots Sr. Sec School

9th Avenue I.P extension, Patparganj, Delhi–92
Session: 2026 –2027

SUBJECT- SCIENCE

Class: IV Topic: Water Lesson No:10

- **Reading of the chapter**
- **Explanation (will be done in class)**

Book Exercises

Check point-1

1. d) frost
2. c) snowflakes
3. e) hailstones
4. b) dew
5. a) fog

Check point 2

1. Underground water
2. diseases
3. potable
4. germs
5. decant

Exercises

A. **Fill in the blanks.**
1. higher
2. humidity
3. condenses
4. rainy
5. sedimentation

B. True/False

1. True
2. False
3. True
4. False
5. True

C. Tick (☑) the correct answer

1. d) Increased humidity
2. b) gemstone
3. b) baking powder

Learn Defines from page no.108

Notebook work

New words

1. humidity
2. precipitation
3. insoluble
4. decantation
5. sedimentation
6. harvesting
7. filtration
8. hailstones
9. chlorination
10. frost

D. Answers the following questions

1. What is humidity?

Ans. The amount of water vapour present in the air is called humidity**.**

2. Why do wet clothes dry faster when they are spread out?

Ans. When we spread out wet clothes, the surface area increases and evaporation becomes faster. Hence, clothes dry faster.

3. What is water cycle? Explain.

Ans. The continuous movement of water from the surface of the Earth to the air and from the air back to the surface of the Earth is called the water cycle.

The Sun's heat evaporates water from the water bodies. This water vapour rises up, cools and changes into water droplets. Water droplets collect together to form clouds. When the clouds become too heavy, they give water as rain or snow.

4. What is precipitation?

Ans. Any form of water that falls on the Earth's surface is called precipitation. It may be in the form of rain, snow, hail, etc.

5. What is the importance of precipitation?

Ans. Precipitation is important because:

- Without precipitation, all the land will turn into a desert.
- It helps farmers to grow crops.
- It gives us freshwater to drink.

6. List the harmful effects of precipitation.

Ans. Precipitation can be harmful as:

- Too much rain can cause severe floods which can lead to loss of life and property.
- Hailstones can damage life and property.
- Freezing rain and sleet can destroy trees and power lines.

7. How is snow formed?

Ans. In colder regions, when temperature is very low, water vapour in the clouds freezes into ice crystals which fall down as snow.

8. What are the ways in which the germs in drinking water can be killed?

Ans. The germs in drinking water can be killed by boiling and chlorination of water and by adding potassium permanganate and bleaching powder to it.

9. What is rainwater harvesting?

Ans. Rainwater harvesting is a way to collect rainwater when it rains, store it above or under the ground for later use or to charge the underground water table.

10. What is water table?

Ans. The level of underground water is called water table.

Think Zone

1.Wet clothes take longer to dry in rainy season. Why?

Ans. During rainy season, the amount of water vapour in air is very high, therefore, the rate of evaporation is low. So the clothes do not dry easily in this season.

2. Why should rainwater harvesting be encouraged?

Ans. Rainwater harvesting should be encouraged to raise the level of water table. It will help to meet the demand of water during summer or at the time of water scarcity.

DIAGRAM

Draw a well labelled diagram of Water cycle

ACTIVITY

Paste different forms of precipitation (Any 4)