

Welland Gouldsmith School

Class – 3

Subject – Science

Chapter –9

Topic – Air and Water

(SYNOPSIS)

- Every living thing need air to breathe.
 - All living things need water.
 - The earth is surrounded by a layer of air called the atmosphere.
 - There is no air in space. Air contains many gases.
 - Water exists in three forms: solid ice, liquid water and water vapours.
 - Ice has a fixed shape but liquid water has no fixed shape. It takes the shape of the vessel in which it is kept.
 - Water vapour is a gas and cannot be seen. It has no fixed shape.
 - The change of water vapours into liquid water is called condensation.
 - The change of water into water vapours is called evaporation.
 - Rain gauge is a device used to measure the quantity of rainfall.
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WORK SHEET

1. Fill in the blanks:

- a) There is more air close to the _____ of the earth.
- b) We cannot see air but feel its _____.
- c) There is very little air on high _____.
- d) _____ and _____ cannot live without water.
- e) We can _____, _____, _____ and _____ water.
- f) The _____ is a big store house of water.
- g) A gas is called _____ vapour.
- h) Water can be changed into _____ by cooling and into _____ by heating.
- i) Rainwater entering from the _____ collects into a collecting _____.
- j) The rain gauge should not be kept under _____ or near the corners of _____.

2. Answer the following questions:

- a) What is evaporation?
- b) What is condensation?
- c) How will you make ice from water?
- d) How will you show that air contains water vapours?
- e) How do solid, liquid and gas differ from each other?

3. Do Ex-A of page 81 (very short answer type questions):

4. Do Ex-C of page 82 (fill in the blanks by choosing suitable words from below):

5. Do Ex-D of page 82 (match the following):

6. DO Ex-E of page 82 (state whether the following statements are true or false):

7. Do the drawing of the rain gauge given on page-80.
