

# Welland Gouldsmith School

Class – 3

Subject – Science

Topic – Air and water

Chapter - 9

Answer Key

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## 1. Fill in the blanks:

- Surface
- Presence
- Mountains
- Plants, animals
- See, feel, taste, drink
- Sea
- water
- ice, water vapour
- funnel, tube
- trees, buildings

## 2. Answers:

- The change of water into water vapours is called evaporation.
- On cooling, the water vapours change back into liquid water is called condensation .
- Ice can be made from water by cooling the water.
- When we put wet clothes out to dry, the water from the clothes goes into the air. This water in the air becomes a gas or water vapours .
- Solid , liquid and gas differ from each other in the following ways :-
  - SOLID** – Ice is the solid form of water. It has a fixed shape.
  - LIQUID** – Water is in the liquid form. It has no fixed shape. It takes the shape of the vessel in which it is kept.
  - GAS** – Water vapour or steam becomes a gas. It has no fixed shape.

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

- Nitrogen
- The earth is surrounded by a layer of air. This layer of air is called the atmosphere.
- The three forms of water are solid, liquid and gas.
- A rain gauge is used to measure the amount of rain fall that has fallen in a place.
- Yes, the smaller pieces of solid dissolve faster than the bigger pieces.
- Three sources of water are seas, oceans and rivers.

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

- Three
- Shape
- Atmosphere
- Vapour
- Condensation.

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

- |                        |                                   |
|------------------------|-----------------------------------|
| 1. Ice                 | Fixed shape                       |
| 2. Supports combustion | Oxygen                            |
| 3. Evaporation         | Change of liquid into vapours     |
| 4. Condensation        | change of gas into liquid         |
| 5. Rain gauge          | Measures the quantity of rainfall |

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

- (F)
- (T)
- (T)
- (F)
- (T)

## 7. Drawing of the rain gauge given on page-80.