

WELLAND GOULDSMITH SCHOOL
CLASS – 2 SCIENCE WORKSHEET(CHAPTER 5)
TOPIC : AIR HAS WATER VAPOUR

SYNOPSIS

Let us do a simple test to find out how water vapour comes into the air.

Activity (1)

Take a handkerchief and dip it in water. Then squeeze and hand it in the sun. After sometime we find the handkerchief dry.

Now what has happened to the water in it?

Where did the water in the handkerchief go?

You see the water in the wet handkerchief dried up due to the sun's heat. Water that dried up went into the air. We cannot see the water because the heat changed the water into a gas called water vapour. This changing of a liquid into a gas due to the heat of the sun is called **Evaporation**.

Condensation

Now you have learnt that air contains water vapour.

Let's do another test.

Take a dry glass. Put some ice cubes in it. After a few minutes, the dry outer part of the glass gets covered with tiny drops Of water.

From where do these drops of water come?

Water vapour are present in the air. The air around the the cold glass cooled down and became many small drops of water on the outer part of the glass.

This Changing of water vapour back to water due to cooling is called **Condensation**.

Sources of water vapour in air :

1. **Water bodies-** The sun's heat causes water from lakes, ponds, rivers, oceans, etc to evaporate.
2. **Soil-** The water present in the moist soil evaporates due to the sun's heat.
3. **Animals-** The air that we and other animals breathe out also contains water vapo
4. **Plants-** Plants give out water vapour through their leaves.
5. **Boiling-** When we boil water, we get very hot water vapour. This hot water vapour is called steam.

I. Fill in the blanks by choosing the correct word.

Condenses, evaporates, gas, rain, water vapour

1. Water _____ due to heat.
2. Water vapour is kind of a _____.
3. When cooled water vapour _____.
4. Clouds are made of _____.
5. When clouds condenses we get _____.

II. Name any 4 sources of water vapour in the air.

_____, _____, _____ and _____.

III. Explain the following words.

1. Evaporation
2. Condensation
3. Steam

IV. Answer the following questions.

1. Why can't we see water vapour in the air?
2. Why should we be careful of steam?

TEXTBOOK EXERCISES :

- **Page 38** - Exercises A, B and C.

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