

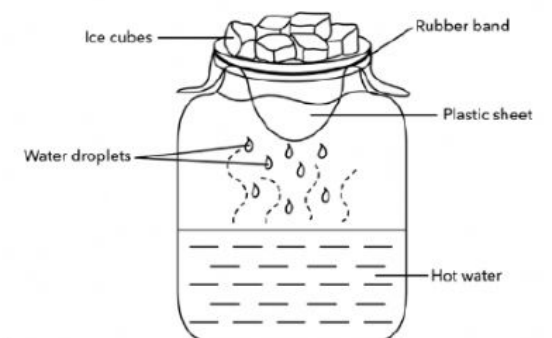
Name: _____ Date: _____
Class: Year 4A / 4B

Topic: CHANGING STATES OF WATER (CONDENSATION)

Look at Figure carefully. Set up an experiment as in the following figure.

Materials Needed:

1. A beaker
2. A glass of hot water (200ml)
3. Ice cubes
4. A lid cover or a dish



Predict:

1. What is your prediction when you place the ice cubes on top of the beaker (what will happen to water vapour when it cools?)

Instructions:

- STEP 1: Obtain a beaker.
STEP 2: Take the hot water and measure 200ml and fill the beaker with it.
STEP 3: Put the lid cover over the beaker.
STEP 4: Place some ice cubes on top of the container cover.

ANSWER ALL THE FOLLOWING QUESTIONS:

Results:

2. Was your prediction correct?

Yes

☐

No

☐

3. After you place the ice cubes on top of the container, observe the changes that have occurred to the ice cubes.

The ice cubes are melting.

☐

Remains as the ice cubes.

☐

4. Then, observe underneath the lid cover carefully. Describe your observation?

There is nothing can be seen underneath the lid.

☐

There are water droplets can be seen.

☐

5. Observe what happens to the water vapour when it comes in contact with the cold dish?

The water vapour cools and changed to gaseous state of water.

☐

The water vapour cools and changed to liquid state of water.

☐

The water vapour cools and changed to solid state of water.

☐