

## **ACTIVITY NO. – 9:LET’S MAKE OUR OWN RAIN**

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|---------------------------|------------------|
| <b>Subject</b>            | EVS              |
| <b>Class</b>              | III              |
| <b>Chapter/Unit</b>       | It’s raining     |
| <b>Topic</b>              | Condensation     |
| <b>Time</b>               | 40 mins          |
| <b>Nature of Activity</b> | Individual/Group |

### **What will I learn?(Learning Outcome ) :**

To explore that water is essential for the survival and growth of plants and animals and to understand the process of water cycle.

**Skills:**Applying,Analyzing

### **What I have to do ?**

To show the process of condensation.

### **What do I require ?**

Ice cubes , water , glass

### **What do I need to know ?**

Water from water bodies such as rivers,lakes , seas , ponds , lakes and streams, goes into the air in the form of water vapour due to the heat of the sun.This water vapour further condenses into tiny droplets of water on reaching heights where the temperature is very less.

**Teacher's Activity:** Teacher will

- (1) ask students to fill the a glass of water .
- (2) ask them to add few ice cubes in it and observe it after five minutes.

### **How will I proceed ?**

**Student’s Activity :** Students will

- (1)keep the glass on the table and observe it after five minutes.

**What have I observed :**

| S.No | Case                                                                        | (Yes/No) | Reason |
|------|-----------------------------------------------------------------------------|----------|--------|
| 1    | Were there any water droplets around the glass of water(initially)          |          |        |
| 2    | Were there any water droplets around the glass of water after five minutes. |          |        |

**What have I learnt ?**

The process in which water collects as droplets on a cold surface when humid air is in contact with it is called condensation. Similarly , when water vapour present in the atmosphere reaches to a sufficient height , then it gets converted into small water droplets which begin to fall as rain later.

**What am I curious to learn?**

Let us explore how does dew form ?

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**Let me evaluate myself**

Q1. Identify the state of water vapour.

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Q2. Suppose you want to dry your school uniform quickly, would spreading it near angithi or heater help? If yes , how ?

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Q3. How are clouds formed ?

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Q4. What is the significance of water cycle ?

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Q5. Take out a cool bottle of water from refrigerator and keep it on a table . After sometime you notice a puddle of water around it. Why ?

Q6. Represent water cycle with the help of a labeled diagram.