

Name:

Date:

Activity 2.1 Creating Clouds



Objectives:

To explore the role of condensation in weather.
To observe how clouds are formed from water vapor in the presence of condensation nuclei.

Materials:

- Mayonnaise or pickle jar with lid
- 2 ice cubes
- Hot water
- Match
- WEATHERlogs

Procedure:

1. Pour the hot water into the jar to a height of about 1 cm.
2. Turn the jar lid upside down and place the ice cubes in the lid.
3. Light the match and drop it into the jar.
4. Place the jar lid on top of the jar with the top of the lid on the top of the jar and the ice still sitting in the lid.
5. Record your observations here, and paste into your WEATHERlog, or directly in your log.

Observations:

