

## Week 11 Science

This week we are exploring clouds. Did you know there are 3 types of clouds?

### **Cirrus clouds**



*Wispy, feathery clouds are cirrus [SIH-rus] clouds. They form high in the sky and are made of tiny ice crystals.*

### **Cumulus clouds**



*Big, puffy clouds are cumulus [KYOOM-yuh-lus] clouds. They are usually signs of fair weather.*

### **Stratus Clouds**



*When a dark layer of stratus [STRAR-tus] clouds covers the sky, it often means rain is on the way.*

### **Activity 1**

Look into the sky and decide what type of clouds you can see. You may like to record what clouds you see each day this week with a tick list or you may decide to draw them.

### **Activity 2**

Create a cloud in a jar. See below for instructions.

# Rain Cloud in a Jar

You will need:



Shaving cream



A clear large jar



Water



Blue food colouring



Pipettes or eyedropper



Small bowl

**Method:**

1. Fill the large jar with water, leaving 2 inches at the top.
2. Add the shaving cream to the top of the water until it reaches the top of the jar.
3. Next, add 1 cup of water to the small bowl and 3 drops of blue food colouring.
4. Mix the water and food colouring together.
5. Use the pipette to add drops of the water mixture to the top of the shaving cream cloud.
6. Continue adding the water mixture until you begin to notice the raindrops begin to break through the bottom of the cloud.

