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 [SIHrus] clouds. They form high in the sky and are made of tiny ice crystals.

Cumulous 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

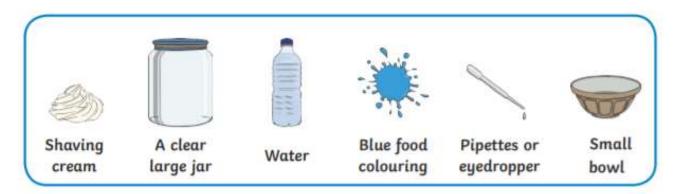
Look into the sky and decide what type of clouds you can see. You may like to record what clouds you see each day this week with a tick list or you may decide to draw them.

Activity 2

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

Rain Cloud in a Jar

You will need:



Method:

- 1. Fill the large jar with water, leaving 2 inches at the top.
- Add the shaving cream to the top of the water until it reaches the top of the jar.
- 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.
- Use the pipette to add drops of the water mixture to the top of the shaving cream cloud.
- Continue adding the water mixture until you begin to notice the raindrops begin to break through the bottom of the cloud.

