

RAIN CLOUD IN A JAR



You'll need

Jar

Water

Shaving Cream

Dropper or pipette

Food colouring



Instructions

Fill the jar about $\frac{3}{4}$ full with water

Completely cover the surface of the water with shaving foam. The shaving foam represents a cloud.

Drip a few drops of water over the shaving foam using a pipette.

Drop food colouring over the shaving foam with a pipette.

Watch the food colouring fall to the bottom of the jar.



Extension Task

Clouds form when water vapour rises and cools back into water droplets to form clouds.

When a rain cloud reaches a certain mass, the water needs to escape and so breaks through the cloud to fall as rain. As you drip the water over the shaving cream cloud, the water starts to fall through the cloud.

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Adult supervision required. You are responsible for your own safety.

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