**How is a Cloud Made?**

A cloud is made of water droplets or ice crystals floating in the sky. As the Sun warms the Earth, water vapor on Earth’s surface evaporates. When warm air rises, it expands and cools. Cool air can’t hold as much water vapor as warm air, so some of the vapor condenses into tiny drops of water that form around particles in the sky. When billions of these droplets come together, they form a cloud!

**What are Some Types of Clouds?**

Different types of clouds are defined by their shapes and how high they are in the sky. **Cirrus clouds** look like feathers and are high clouds. **Cumulus clouds** look like giant cotton balls and are middle clouds. **Stratus clouds** look like blankets and are low clouds.

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**DIY Rainclouds in a Jar**

**→ Step 1:**
Fill your jar about three quarters full with water.

**→ Step 2:**
Use the shaving foam to create a cloud on top of the water.

**→ Step 3:**
Let the foam settle a bit.

**→ Step 4:**
Now drop food coloring onto the foam. As your cloud fills up, the food coloring will fall down into the water creating a rain-like effect.

**You Will Need:**
- Jar
- Water
- Shaving foam
- Blue food coloring
- Pipette or dropper