

MAKE RAIN CLOUDS IN A JAR

What better way to learn about the weather than to get hands on and make it rain at home?

Let's create rain clouds using shaving cream and rain using water and food coloring.

A few simple steps and the rain drops will be falling!

YOU'LL NEED:

- Jar or tall clear cup
- Water
- Shaving cream
- Food coloring
- Dropper
- Small bowl

HOW-TO:

- 1** Fill the jar or cup approximately 3/4 full with water.
- 2** In a small bowl, mix about 5-10 drops of food coloring with 1/4 to 1/2 cups of water.
- 3** Squirt shaving cream on top of the water in the jar to make your "clouds."
- 4** Use your dropper to pick up the colored water and squirt it into the shaving cream.



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Wait for the color to make its way through the shaving cream and into the water below. It will start to slowly release from the shaving cream like rain from a cloud.

Note: This can take several minutes depending on how much shaving cream you use and how much water you drop into the shaving cream.

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Observe and play! Add more colors to the clouds. Experiment and see what happens.

If kiddos are little, let them play with the shaving cream. Learning the new products and textures are part of the experience!

CONCEPTS:

Science: This activity is a great opportunity for a weather lesson, especially on a rainy day.

Clouds collect water droplets from the air. As the cloud collects more and more droplets, they eventually become too heavy for the cloud to hold in the air, and gravity causes them to fall to the ground as rain drops. Similarly, in this experiment, we're saturating the shaving cream with the colored water. When the colored water makes its way through the shaving cream with the help of gravity, it is released into the jar of water below.

