

RAIN CLOUD

SCIENCE ENRICHMENT

MATERIALS: a mason jar filled with water. A can of cheap shaving cream, an eye dropper, liquid food coloring, and an extra bowl to mix the colored rain water.



What is a rain cloud? Clouds are formed by invisible water vapors which turn into the more visible rain droplets we are familiar with in the sky. Warm air can hold more water and when it cools it condenses into liquid. The rain cloud becomes heavy and it rains!

Squirt a nice fluffy, puffy shaving cream rain cloud on top of the water in your jar.

Mix up a bowl of blue tinted water. Use the eye dropper to squeeze that water into the shaving cream cloud. In the picture you can see the bottom of the cloud is quite full of rain.



Keep adding rain water to your cloud and watch the storm take shape!



It's pretty cool weather science for Spring and a great way to show how clouds hold water until they can no longer hold it and then it rains!