

# BACK TO NATURE



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## Put Your Head in the Clouds

### Types of Clouds

Clouds are formed by billions of tiny water droplets that come together in the sky. There are many different types of clouds depending on where they are in the atmosphere and how they form. When clouds get too heavy with water, the water falls in the form of rain or snow.

Cloud Types



Cirrus



Cumulonimbus



Cumulus Cloud



Stratus Cloud

### Cloud Craft

**Materials:** Construction paper, glue, black marker and cotton balls.

Using the cotton balls, create the different types of clouds and glue them to the paper.

*Cirrus:* Pull the cotton ball into long thin strips.

*Cumulus:* Glue multiple whole cotton balls together.

*Stratus:* Pull the cotton balls into small pieces.

[Check out the full instructions and more ideas here.](#)



Take a photo of your cloud creations and share on Facebook and Instagram using these hashtags:

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A child's imagination is impressive they can find shapes and animals hidden in plain sight. Head outside on a partly cloudy day, lay out a blanket and look up to the sky. See what shapes you can find in the clouds.

### Go Outside



### Science Experiments

#### *Rain Cloud in a Jar*

**Materials:** a clear jar or cup, shaving cream, water, blue food coloring

**Procedures:** Fill the jar 3/4 of the way full with water. Make a cloud on top of the water with shaving cream. Slowly add 3-4 drops of food coloring on the clouds. Watch as the food coloring "rains" through the water.

As clouds get full of water, the water becomes heavy and falls to the ground as rain or snow.

[Video instructions for this experiment are found here.](#)

#### *Another Cloud in a Jar*

**Materials:** Clear jar with a lid, aerosol hairspray, ice, boiling water

**Procedure:** Pour 1 cup of boiling water into the jar. Quickly spray some hairspray into the jar and close the lid. Add a few ice cubes to the lid and watch the cloud form. After a few minutes release the cloud from the jar.

[Full instructions here.](#)

