

**Weather or Not**

Directions: Read the descriptions of the different types of clouds in the chart below. Then follow the steps to make a model of each type of cloud. Glue each cloud model in the space provided in the chart. Next look outside and draw a picture of today's weather on the construction paper. Use your remaining cotton balls to make the clouds for the sky.

Materials:

- cotton balls—4 for making cloud models and 4 for illustrating the day's weather
- black marker
- glue
- 11" x 17" sheet of white construction paper
- crayons

Steps:

1. To make a stratocumulus cloud, puff a cotton ball apart into several layers, then glue it layer by layer to its space on the chart.
2. To make a cumulus cloud, puff gently on a cotton ball from all sides to puff it up before gluing it onto the chart.
3. To make a cirrus cloud, pull a cotton ball into thin, wispy strands before gluing it onto the chart.
4. To make a nimbus cloud, pull a cotton ball to stretch it, then darken the cloud with a black marker before gluing it onto the chart.

Cloud Type	Altitude	Description	Model
Stratocumulus	Between 6,000-10,000 feet	flat, layered, grey clouds	
Cumulus	Below 6,000 feet	thick, white, billowy clouds	
Cirrus	Above 20,000 feet	high, wispy clouds composed of ice crystals	
Nimbus	very low	tangled, dark, grey clouds	

Bonus Box: On the back of this sheet, write a poem that explains how the four types of clouds are different.