

CLOUD VIEWER

Make your very own cloud viewer and take it outside for a fun cloud identification activity.

SUPPLIES

Craft sticks
Blue craft paint
Cloud Chart Printable
Scissors
Paintbrush
Hot glue gun

INSTRUCTIONS

STEP 1: Carefully glue four craft sticks together to make a square.

STEP 2: Glue the 5th stick on the bottom center to hold the cloud viewer.

STEP 3: Spread out some scrap paper or newspaper, paint the sticks blue and let them dry.

STEP 4: Download and print your cloud chart. Cut out the different types of clouds and glue around the blue square.

THE SCIENCE

Time to head outside with your cloud viewer! Take the bottom of the stick and hold your cloud viewer up to the sky to identify clouds.

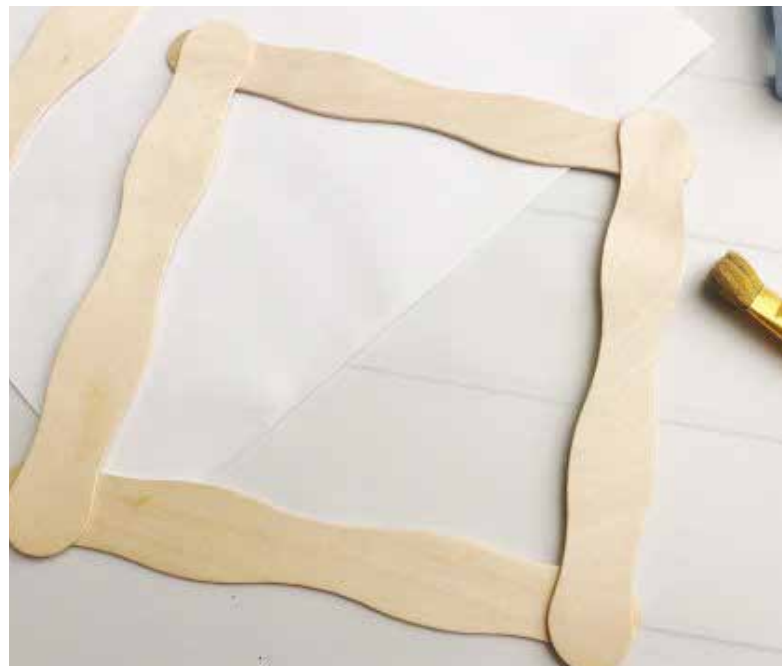
What type of clouds do you see?

Are they low, middle, or high clouds?

Will there be rain coming?

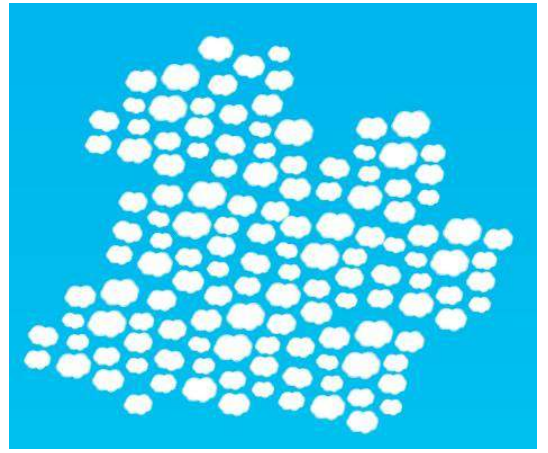
WHAT ARE OTHER WAYS TO MAKE CLOUDS?

Make cotton ball cloud models. Use cotton balls to create each of the types of the clouds. Use blue paper as your background. Cut out the cloud descriptions and have a friend match them to your cotton ball clouds.



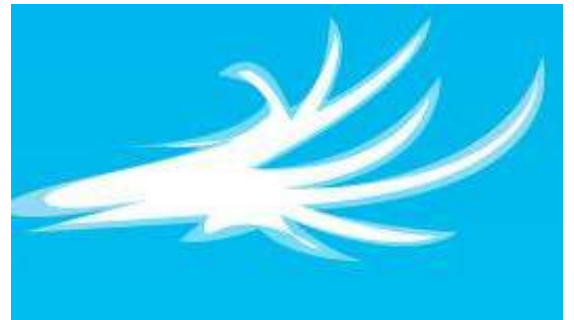
cirrocumulus

high clouds that look fluffy, like cotton balls



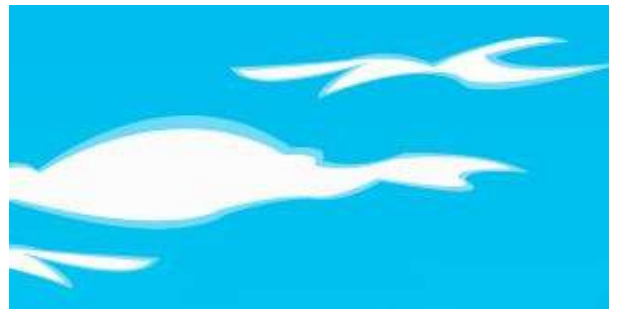
cirrus

high clouds that look wispy & thin, and appear during good weather



altostratus

middle clouds that look flat & gray, and are usually a sign of rain



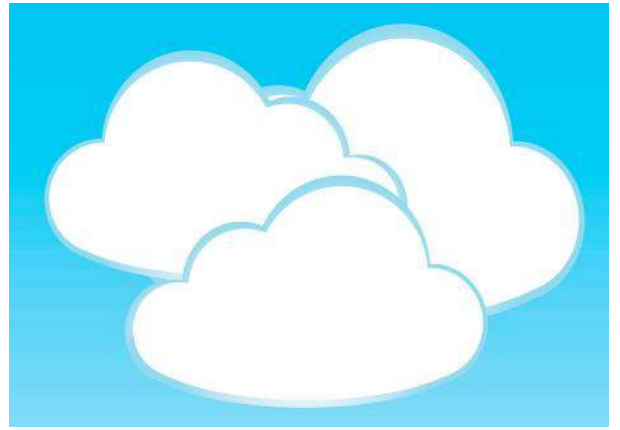
altocumulus

middle clouds that look small & fluffy



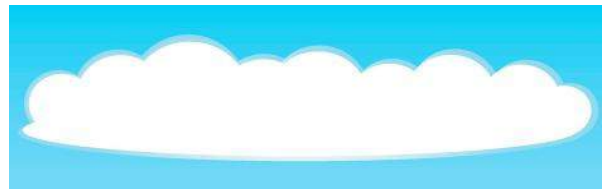
cumulus

low to middle clouds that look like large, fluffy cotton balls



stratocumulus

low clouds that look fluffy & gray, and may be a sign a rain



stratus

low clouds that look flat & gray, and spread out, may be a sign of drizzle



cumulonimbus

very tall clouds that span low to high, a sign of thunderstorms

