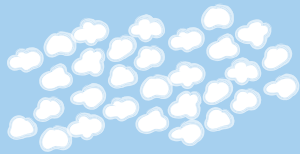


Make a Cloud Viewer

What kind of clouds are those? There are many types of clouds, from white and puffy ones, to dark and stormy ones. Did you know that you can predict the weather by observing clouds? Make your own cloud frame to help you to identify many different kinds of clouds with this fun activity.

Types of Clouds:



Cirrocumulus

High clouds that look fluffy like cotton balls.



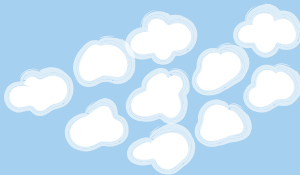
Cirrus

High clouds that look wispy and thin and appear during good weather.



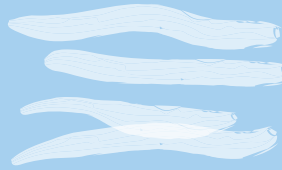
Cumulonimbus

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



Altocumulus

Middle clouds that look small and fluffy.



Altostratus

Middle clouds that look flat and gray and are usually a sign of rain.



Cumulus

Low to middle clouds that look like fluffy cotton balls.



Stratocumulus

Low clouds that look fluffy and gray and may be a sign of rain.



Stratus

Low clouds that look flat and gray, and spread out, may be a sign of drizzle.

Steps

1. Carefully glue four craft sticks together to make a square frame.
2. Glue the 5th stick as a handle, pointing vertically downwards from the bottom center of the frame.
3. Colour your cloud frame using paint or markers (optional)
4. Download and print a cloud chart or draw and cut-out your own images.
5. Cut out the different types of clouds and glue around the frame.

Materials

- Frames-craft sticks or cardboard
- Glue
- Scissors
- Photos of cloud types
- Paint or markers (optional)

How to Use

Look up in the sky and see if you can identify the type of clouds around you, using your frame as a guide. Notice the clouds' shapes and their height in the sky, which can help you to identify the cloud type. How can cloud watching help us to predict the weather? Based on your observations, make a prediction of what the weather will be like later in the day. Try keeping a cloud and weather forecasting journal to hone your skills!

References and Resources

- [*Center for Science Education*](#)

