

ACTIVITY!

INVESTIGATE WEATHER

How is **weather** different from climate? Weather can be described as day-to-day conditions. From a bright, sunny day to a snowy day, weather can change quickly. Climate, on the other hand, is made up of long-term weather patterns across many years. Let's explore some of the characteristics of weather.

► **Think of three characteristics of weather** that might influence temperature, such as humidity, clouds, and wind. Read or watch the 7-day forecast from a few different sources.

► **In your science journal, make your own predictions for the next seven days.** Be sure to predict for the same hour of each day.

► **Collect data on the weather for one week** at the same time of day for the same location. Use a data table similar to the one below to record your predictions and data.

Date	Prediction	Temperature	Characteristics of weather		

► **What did you learn about the weather?** How did your predictions compare to your data? Were the 7-day forecasts correct? Why do forecasters often get the weather wrong?

WORDS TO KNOW

weather: the temperature, rain, and wind conditions of an area, which change daily.

How are weather and climate similar to a man walking a dog? **Find out in this video!**



🔍 man dog weather climate



Try This!

Have a friend in a different region of the world track weather data at their home. Is their weather more or less predictable than the weather where you are? Do different regions have different variability in their weather?