

WHAT MAKES WEATHER?

CIRCLE THE FACTORS BELOW THAT YOU THINK AFFECT THE WEATHER.



How do you think the images you circled affect weather?

These answers are examples only; this activity is designed to spark conversation.

Volcano: Ash thrown into the sky can block the sun and/or encourage cloud creation (This one is tricky and it's okay if it's not selected.)

Sunlight: Affects Earth's temperature; helps make wind

Wind: Carries weather around the globe; caused by temperature/pressure changes.

Water/Ocean: Water contributes to precipitation; the ocean is where hurricanes and tropical storms can build.

TYPES OF WEATHER

LIST OR DRAW AS MANY TYPES OF WEATHER AS YOU CAN THINK OF!

Weather Types

Examples include, but are not limited to:

Sunny

Rainy

Thunderstorm

Cloudy

Tornado

Hurricane

Snow

Hail

Windy

QUESTIONS TO CONSIDER:

**These open-ended questions are intended to get participants to reflect and build upon content presented in the video. We suggest some possible answers, but there are plenty of creative alternatives out there!*

1. What is your favorite type of weather and why?
 - a. Answers will vary.
2. How do you think the Earth can be changed by weather?
 - a. Wind and water can weather and erode the Earth. This can change the path of rivers, carve canyons, or even knock over trees!
3. What do you do to prepare for bad weather?
 - a. Answers will vary, but may include 'go to the basement', 'have flashlights ready in case the power goes out', 'go inside', etc.

