



Third Grade Science

Weather and Climate

Dear Families,
Here is what your child is learning in Third Grade during the study of weather and climate and some specific ways you can help. Look for additional newsletters for upcoming units.

Weather and Climate Unit

Students need to:

- Identify different attributes of weather and ways these attributes can be measured
- Represent data in tables and graphs
- Describe typical weather conditions in a particular season
- Use weather data to predict weather conditions
- Obtain and combine information to describe climates in different regions
- Analyze solutions designed to reduce the impact of weather-related hazards

Key Vocabulary

Climate- The average weather for long periods in a specific region

Precipitation- Water released from clouds in the sky; includes rain, snow, sleet, hail, and freezing rain

Region- Part of a country or world having definable characteristics but not always fixed boundaries

Season- A period of the year determined by the position of Earth as it revolves around the sun

Temperature- A measure of the warmth or coldness of an object or substance

Thermometer- A device used to measure temperature

Weather- The properties of the atmosphere at a given time and location, including temperature, air movement, and precipitation

Wind Direction- The direction the wind is coming from can be determined using a cardinal direction

Ways FAMILIES Can Help

- Use the Discovery Education links to learn more information.
- Watch the weather forecast together with your student. Reflect on how accurate the forecast was the next day.
- Be attentive to the weather around you.
- Look for predicted instances of possible weather-related hazards. Discuss what steps you can take to stay safe.