



Level K • Module 1

Weather with Spotlight Lessons on Forces and Motion

Lesson Overview

Your student is learning how the cliff dwellings at Mesa Verde protected the Ancient Pueblo people from weather. Students use local weather data to see how weather affects people and their surroundings. In Spotlight Lessons on Forces and Motion, your student will explore the ways objects move and how magnets attract and repel objects with certain properties.

Classroom activities for this module include the following:

- Observing and describing parts of weather (e.g., temperature, wind, precipitation)
- Creating a model shelter to protect archaeologists from weather
- Analyzing weather data to compare local weather to weather at Mesa Verde
- Identifying and describing severe weather to understand how communities can prepare and respond to severe weather
- Building and comparing simple structures using location information

Conversation Starters

Support your student's learning with these talking points:

- Talk about the weather.
- Compare local weather to a different familiar location.
- Point out different ways people protect themselves from weather.
- Discuss how weather influences daily life.
- Discuss the ways objects at home or in the community move.

Activities

Have fun with these related activities at home:

- Read or watch a weather forecast and plan an activity appropriate for the day's weather.
- Keep a weather journal. Encourage your student to use drawings, words, or photographs to record the weather.
- Use tools like a thermometer, rain gauge, or windsock to gather data about the weather.
- Have a scavenger hunt at home to find magnets (e.g., refrigerator magnets, can openers).



ADDITIONAL RESOURCES

Visit your local library or use an online library to explore topics related to the module, such as weather patterns, severe weather warnings, the cliff dwellings and Mesa Verde, and shelter.



Learn more about the cliff dwellings of the Ancient Pueblo people and Mesa Verde National Park at <https://www.nps.gov/meve/index.htm>.

Find current and past weather data at <https://www.wunderground.com>.