

Core Knowledge

- Identify and describe extreme weather events, such as:
- Storms - Heavy rain, thunder, and lightning
- Hurricanes/Typhoons - Very strong winds and rain
- Tornadoes - Spinning, fast wind storms
- Floods - Too much rain causing water to cover land
- Droughts - No rain for a long time, making land very dry
- Heatwaves - Very hot weather for many days
- Blizzards - Heavy snow and strong winds
- Understand the difference between everyday weather (e.g., sunny, cloudy, rainy) and extreme weather conditions.
- Know how extreme weather events can impact daily life, including travel, safety, and the environment
- Understand basic causes of extreme weather, such as changes in temperature, air pressure, and weather systems.
- Begin to understand how climate zones influence the occurrence of extreme weather (e.g., tropical storms near the equator)
- Identify and describe natural disasters, including: earthquakes, volcanic eruptions, tsunamis, landslides, and avalanches.
- Understand how extreme weather events and natural disasters affect the environment and people - the impact on homes, infrastructure, animals, and ecosystems.
- Recognize that these events can lead to destruction, loss, and displacement but also prompt resilience and recovery.
- Understand basic safety measures during extreme weather events (e.g., taking shelter during a storm, staying indoors during extreme heat).
- Understand how communities prepare for natural disasters, such as evacuation plans, emergency kits, and early warning systems.



Key Vocabulary

- Thunderstorm - A storm with loud thunder, lightning, strong wind, and heavy rain.
- Temperate - A place that is not too hot and not too cold.
- Hailstorm - A storm where balls of ice called hail fall from the sky.
- Snowstorm - Heavy snow with strong winds.
- Location - A place where something is found.
- Volcanic eruption - When hot lava, ash, and gas burst out of a volcano.
- Tsunami - A huge sea wave caused by an underwater earthquake or volcano.
- Landslide - When rocks, soil, and mud slide down a hill or mountain.
- Extreme - Very strong, powerful, or unusual.
- Humid - Air that feels hot and wet because there is lots of water in it.
- Drought - A long time with little or no rain.
- Protection - Keeping people or places safe from harm.

