

**Unit Issue** Provides context for relevant and connected anchoring and investigative phenomena within the unit.

Weather and climate change over time and vary from place to place. How does the weather affect people and how do people affect climate?

**Unit Phenomena** What can we observe in science that makes us wonder?

The weather seems to be getting more extreme.

Weather forecasts are sometimes wrong but often correct.

The weather changes a lot during the year and from location to location.

**Activities** Students use SEPs and understanding of DCIs and CCCs to explain, justify, and argue a point of view about the issue.

climate change event questions

local weather investigations

heating Earth's surfaces

investigating water

wind simulations

engineering an anemometer

forecasting weather

global warming graphs

career role play