



## Weather & Climate

*Just like the weather we all experience climate. However, weather is often something we think about and include in our day-to-day conversations. Climate discussion on the other hand, tends to take a back seat. In this course, students discover the differences between weather and climate through data observation, collection, and analysis.*

**Grade:** High School

## Standards Supported

### Next Generation Science Standards:

**HS-ESS2-4.** Use a model to describe how variations in the flow of energy into and out of Earth's systems result in changes in climate.

**HS-ESS3-5.** Analyze geoscience data and the results from global climate models to make an evidence-based forecast of the current rate of global or regional climate change and associated future impacts to Earth's systems.

### Ocean Literacy Principles:

**Principle 3.** The ocean is a major influence on weather and climate.

