

Alaska Tsunami Education Program (ATEP) Curriculum Map Overview

Unit	Title	Description
1	Introduction to Tsunamis	Students learn the definition of a tsunami and identify tsunami-prone areas of the world. Students learn about natural signs and forewarnings of a tsunami.
2	Tsunamis of the Past	Students learn about tsunamis that have occurred in the recent and distant past through oral tradition and geological evidence.
3	Dynamic Earth	Students learn about Earth's geologic processes, plate tectonics, fault formation, and land and water features.
4	Tsunami Generation	Students learn how tsunamis are generated. They take measurements and make predictions about natural triggers of tsunamis.
5	Tsunami Propagation	Students learn about how tsunamis travel through the ocean by studying how energy travels through land and water.
6	Tsunami Inundation	Students use geological evidence to find out how much of the land was inundated by water when a tsunami occurred.
7	Measuring and Predicting Tsunamis	Students learn about the tools or technology used to predict and measure tsunamis. They also learn about signs in the natural world that may signal an approaching tsunami.
8	Hazard Mitigation	Students communicate what they have learned about tsunamis to their communities to prevent injury and loss of life in the future. They also think about ways to make tsunami-resistant structures.
9	Tsunami Event, Aftermath and Response	Students learn about what to do in the event of a tsunami.