

DECEMBER 2021 • UNIT 2

GRADE 2 SCIENCE

PROCESSES THAT SHAPE THE EARTH



The Shape of the Land

EXPLORING EARTH'S LANDFORMS AND BODIES OF WATER

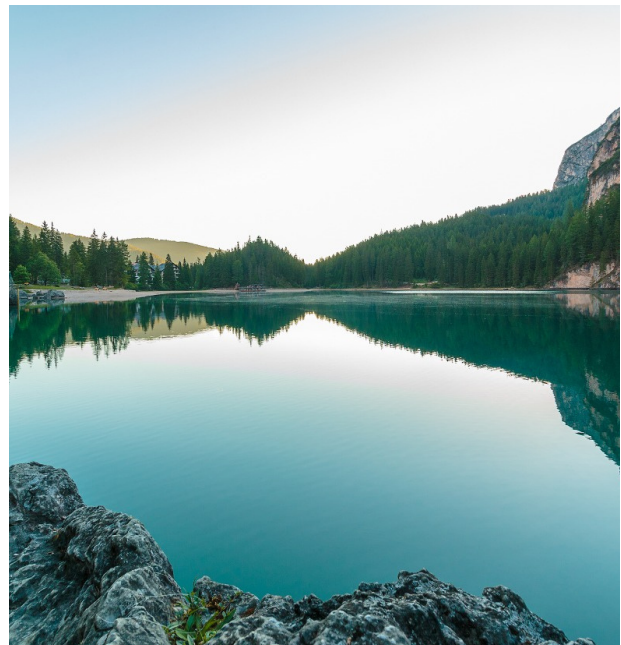
In this unit, your child will learn about different landforms and bodies of water. They will also explore how these landforms are made, how they can change over time, and how some of these changes occur quickly or suddenly, while others occur slowly or gradually.

Your child will also explore the hydrologic cycle (also known as the water cycle) and investigate how water travels from one place to another, and from one state of matter to another.

Did you know...

The city of New Brunswick lies on the banks of the Raritan River. The Raritan River is such an important part of New Brunswick history, that even the Rutgers University Alma Mater is called "On the Banks of the Old Raritan."

Click [here](#) to learn more about the Raritan River Basin, and its impact on the New Brunswick community!





The Winds of Change

CAN WATER AND WIND CHANGE THE SHAPE OF EARTH'S LANDS?

In this unit, your child will also learn about weathering and erosion, and explore the effect of these natural processes on the world around them. They will conduct an investigation to see the impact of wind and water on various landforms, and brainstorm ways to prevent or slow down these impacts.

Where's the beach?

Coastal erosion has been a problem in New Jersey for thousands of years. [Click here to read more about the impact of erosion on the Jersey Shore.](#)



Readers' Corner

Here are some book suggestions to learn more about landforms, bodies of water, and processes that shape the earth!

[Two at the Top: A Shared Dream of Everest](#) by Uma Krishnaswami

[Looking at Landforms](#) by Ellen Mitten/
[Accidentes Geográficos](#) by Ellen Mitten

[All the Water in the World](#) by George Ella Lyon and Katherine Tillotson/
[Agua, Agüita](#) by Jorge Argueta

[Cracking Up: A Story about Erosion](#) by Jacqui Bailey and Matthew Lilly/
[¿Qué le da forma a la tierra?](#) by Bobbie Kalman