

Lesson 1: What Is a Map?

Maps can show land and water on Earth.

Students obtain information about how maps show patterns of land and water.

Lesson 2: Kinds of Land

Models can represent many shapes and kinds of land.

Students obtain information about and develop models of the patterns of land on Earth.

Lesson 3: Kinds of Water

Models can represent many shapes and kinds of water.

Students obtain information about and develop models of the patterns of water on Earth.

Lesson 4: Solids and Liquids

Solid and liquid water have distinct properties.

Students plan and carry out an investigation to determine the patterns of the properties of solid and liquid water.

Lesson 5: Snow Globes

Solid water occurs on Earth in cold places, such as the poles and at altitude.

Students obtain information about and develop models of the patterns of solid water on Earth.

Lesson 6: Patterns on Earth

Land and water occur in observable patterns on Earth.

Students obtain information about and develop models of the patterns of land and water on Earth.

Lesson 7: Maps Around the World

Maps can represent multiple places.

Students obtain information about how maps represent the patterns of land and water on Earth.

Lesson 8: Making a Legend

Symbols can represent kinds of land and water.

Students develop symbols that represent the patterns of land and water on Earth.

Science Challenge**Lesson 9: Mapping My Model Part 1**

Maps can represent land and water.

Students develop a model by making a map that represents the patterns in their Land and Water model.

Lesson 10: Mapping My Model Part 2

People can use maps to find land and water.

Students use models and their knowledge of the patterns on Earth to correctly match a map and a Land and Water model.