

## Earth's Changing Surface Lesson Scope and Sequence

Lesson No.	Focus Question	Main Learning Goal	Science Content Storyline
1	What does the land look like? Does it have different shapes?	The land has many different types of landforms and bodies of water.	The natural landscape on Earth has many different features. We call these different features, landforms. Natural landforms are different from the things that people build on top of the land, such as homes, schools, buildings, and roads. Landforms include mountains, hills, plateaus, valleys, plains, or canyons. Landforms also include bodies of water, such as lakes, rivers, deltas, and features that are formed where the oceans meet land, such as bays and peninsulas [Note: bays, peninsulas, gulfs, and islands are not explicitly included in this lesson series, but may come up as student ideas].
2	How does the land look different in different places?	Landforms and bodies of water look different in different places.	Landforms can be different from one place to another. Some places have landforms like mountains, hills, or plateaus that rise high above the surface while other places have valleys and canyons that cut into the surface of Earth. Still other places, like plains, are flat with very little change in elevation, and other places have bodies of water, such as rivers and lakes, that are part of the landscape.
3	Do landforms ever change?	Landforms change over time.	The land hasn't always looked like it does today. Landforms are changing all the time. Maps can be used to locate different places on Earth and study the landforms of that place.
4	What causes landforms to change?	Water can change landforms over time.	One of the things that can change landforms is flowing water. Water can move rock from one place to another, which can change landforms over time.
5	How fast does the land change over time?	Earth's surface is always changing. Some change is slow and some change is fast.	The land hasn't always looked like it does today. It is changing all the time. Some change is really slow, such as the slow erosion of a canyon or the forming of a river delta, while other change occurs very quickly, such as the movement of rock during a landslide.
6	Can we explain how the land changes in our area?	The surface of Earth has many different types of landforms and bodies of water that are always changing, sometimes fast, sometimes slow, and sometimes caused by water.	The surface of Earth has many different types of landforms. These landforms are always changing. Sometimes this change is fast and sometimes it is very slow. One of the processes that cause change is flowing water.