



## Why Are Rocks and Landforms Important?

You live on the topmost layer of the Earth, the crust, which is made of solid rock. Structures are constructed on this rocky crust. Sometimes rocks are even used to make these structures. Useful mineral resources are also obtained from rocks through mining.



Three-quarters of the Earth's crust is covered by liquid water. The rest is land. Land can be different in different places. Mountains, valleys, hills, plains, marshlands, cliffs, shorelines, and dry desert are just some of the many landforms you can see.

Understanding how rocks and landforms change over time will help you to appreciate how the past is a key to the future, and how to better manage your environment.

## What Will You Investigate?

You will examine the rocks and landforms in your region. You will study how land is shaped and why it looks the way it does today.

Here are some of the things that you will investigate:

- different types of rock;
- how rocks are formed, and how they are worn away;
- different types of landforms created by the removal and the deposition of rock and soil;
- the effect of glaciers on landforms.



You will need to practice your problem-solving skills and be good observers and recorders as you work together with other members of your class.

In the last investigation you will have a chance to apply all that you have learned about landforms. You will design and make a landform information product for local people, or visitors to your area.