

Student Guide

Lesson 6: Laboratory: Interpreting Geology 1

In this lab exercise, you will interpret a rock formation that has been subjected to tectonic forces.

Goals for the Lesson

- Determine relative ages of rocks by studying a geologic cross section.
- Understand relative dating techniques.
- Determine the geologic events, such as deformation, earthquakes, or erosion, that may have occurred in a place.
- Demonstrate how the environment of deposition changed over time at that location.

Graded Activities in this Lesson

Lab Report (offline, scored by teacher)

Materials

 [Student Guide](#)

 [Laboratory Guidelines](#)

In this lab exercise, you will interpret a rock section found in the Grand Canyon. The field work done by other geologists has been recorded as a cross section and is in your Lab Report.

Open the Lab Report and follow the instructions. When you are finished, submit your interpretation to your teacher.