

Unit 4 Objectives: Minerals & Rocks

By the time this unit is over, you should be able to:

- Identify minerals based on their properties of color, streak, hardness, fracture, crystal size and luster
- Understand the conditions under which minerals and rocks are formed
- Differentiate between igneous, sedimentary and metamorphic rocks
- Explain the processes that drive the rock cycle
- Explain how mining impacts human life and the environment
- Explain the properties of rocks based on the locations and conditions in which they were formed
- Know the minerals and rocks that are found in California

Vocabulary:

Igneous Rock

Sedimentary Rock

Metamorphic Rock

Erosion

Conglomerate

Extrusive

Intrusive

Plutons

Mechanical Weathering

Chemical Weathering

Metamorphism

Foliation

Rock Cycle

Fossil