

7th Grade Study Guide

Chapter 4 - Rocks

THE ROCK CYCLE Section 1

- Define what a rock is and know the three types.
- Illustrate the model of the rock cycle and its processes.

IGNEOUS ROCKS Section 2

- Tell how igneous rock forms.
- Delineate between magma and lava.
- Identify where Earth's interior heat comes from.
- Compare and contrast intrusive and extrusive igneous rock.
- Know how basaltic, granitic, and andesetic magma classify igneous rocks.

METAMORPHIC ROCKS Section 3

- Tell how metamorphic rock forms.
- Classify metamorphic rock as foliated or nonfoliated.

SEDIMENTARY ROCKS Section 4

- Tell how sedimentary rocks form.
- Define sediments.
- Explain the importance of stratification.
- Explain the processes of compaction and cementation.
- Show how sedimentary rocks are classified as detrital, chemical or organic.

