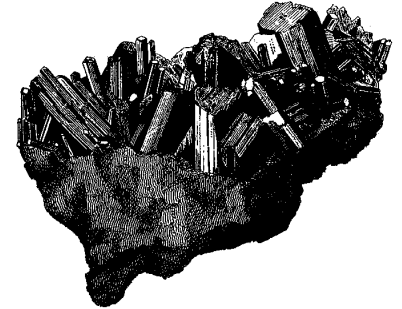


Seeing Time

Geologic Word Challenge!

Our Earth is extremely old. If you know where to look, geology can provide clues to how our landscape has been shaped over millions of years. There are three different types of rocks – **igneous**, **sedimentary**, and **metamorphic**. Each one of these rocks can provide information on our Earth's past.



Complete the word challenge below to learn more about Earth's past!

Word Bank:

Igneous
Geologist

Metamorphic
Sedimentary

Volcano
Rock Cycle

Rock
Plate Tectonics

1. A scientist who studies the rocks on Earth.

G E O L O G I S T

2. This rock forms from intense heat and pressure from under the Earth's surface.

M E T A M O R P H I C

3. When this erupts ash and lava may spew out.

V O L C A N O

4. This rock forms from silt, sediments, and soils hardening over thousands of years.

S E D I M E N T A R Y

5. This is the process in which rocks are formed, altered, destroyed, and reformed.

R O C K C Y C L E

6. This rock forms when lava or magma cools and hardens.

I G N E O U S

7. A naturally occurring substance made of one or more minerals.

R O C K

8. The theory that the Earth's crust is made up of rigid plates that move; the motion of these plates causes continental drift.

P L A T E T E C T O N I C S