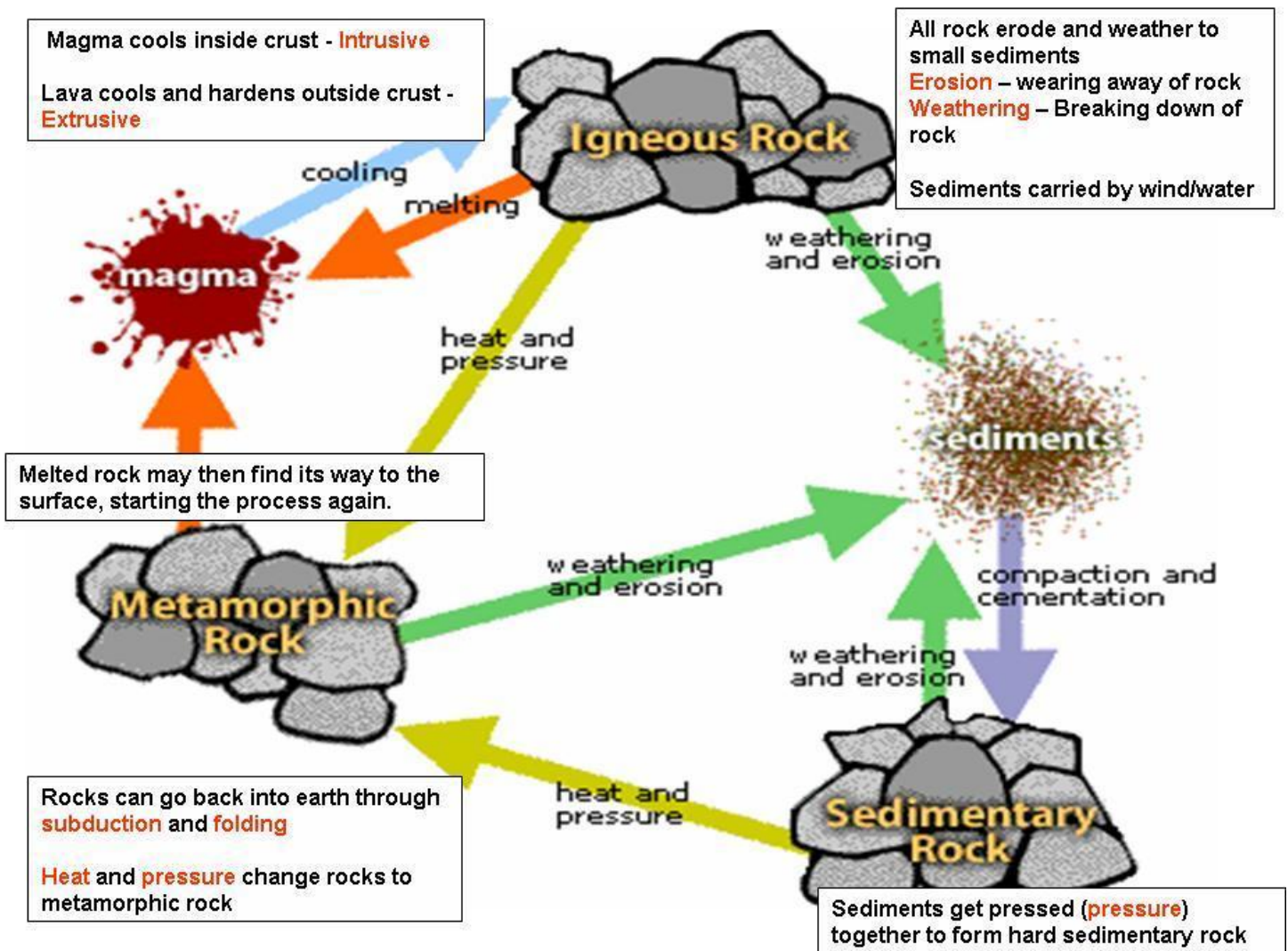


Interactive Rock Cycle

1. Go to the [Interactive Rock Cycle](#) and follow the instructions on the screen. Fill in chart on page 2.



Interactive Rock Cycle

Name _____

Hr. _____

http://www.teachersdomain.org/ext/ess05_int_rockcycle/index.html

YOU MUST FOLLOW THE INSTRUCTIONS ON THE SCREEN

Lava flow out of volcano
Crystallization of _____ to form IGNEOUS ROCK

Lava flow
Quick cooling results in _____ crystals
Fast cooling results in _____ crystals
Gases bubbling result in _____ in the rocks

Erosion of solid rock produces _____

Cloud (Effects of Erosion) MATCHING

Glaciated Valley	A. Sand Accumulation
River Valley	B. Soluble Rock
Arches	C. Wave Erosion
Sea Cliffs	D. Resistant Monuments
Desert Monuments	E. Sand Blasting
Sand Dunes	F. V-shaped Valley
Under Ground Cavern	G. U-shaped Valley

Transportation of Sediments (river)

Why are the larger particles found near the bottom?

Deposition of Sediments

Gravel Accumulates near the _____
Sand grains settle out next
Clay Settles in _____ water

Compaction and Cementation of Sediments

_____ minerals carried by seawater are _____ in the pore spaces between the sand grains. After the water evaporates the dissolved minerals _____ the grains together

Metamorphism

- Deep underground rocks are exposed to high _____ and _____.
- Pressure _____ the mineral grains. _____ recombine to form new minerals
- Aligned grains form _____

Melting of Metamorphic rock

As rocks are dragged deeper, hotter level, minerals _____ and form _____

