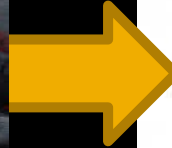
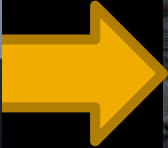


Igneous Rock:

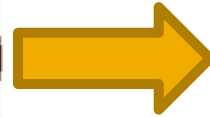
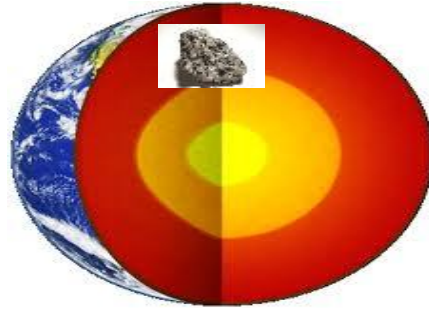
Rock formed when



Draw what you think igneous rock is below:

Metamorphic Rock:

Rock formed by _____



Draw what you think metamorphic rock is below:

Sedimentary Rock

Rock formed by the following 5 processes...

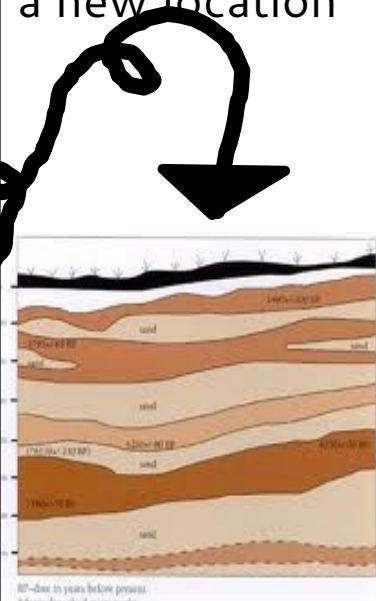
1) _____
when rocks are broken down into sediment by Physical and



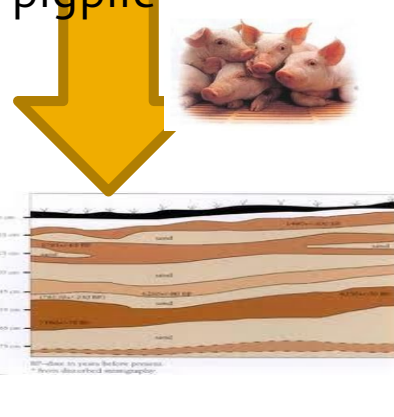
2) _____ -
when sediment is CARRIED to a new



3) _____ -
when sediment is DROPPED in a new location



4) _____ -
when layers of sediment are PRESSED & SQUEEZED together in a pigpile



5) _____ -
when compacted layers of sediment CRYSTALLIZE or GLUE together



Draw what you think sedimentary rock is below:

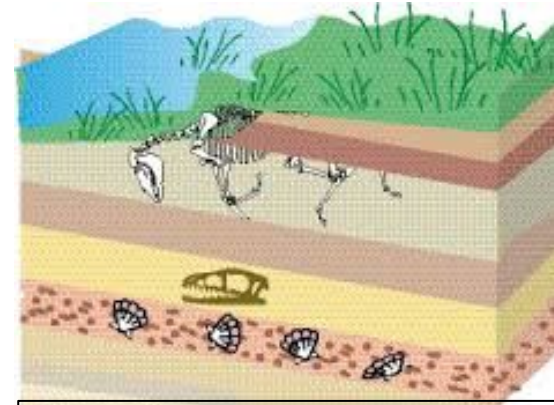
Why are sedimentary rocks the only rocks to have fossils?



Igneous cannot have fossils because...



Metamorphic rocks cannot have fossils because...



Sedimentary Rocks CAN have fossils because...

Draw why sedimentary rocks are the only ones to have fossils:



Fossil Creation



1. Sedimentary rock must be formed in 5 important steps:

- a. _____ The breaking of other rocks into sediment
- b. _____ The carrying of sediment
- c. _____ The “dropping off” of sediment
- d. _____ The packing together of sediment (as sediment continues to pile on top of 1st layer of sediment)
- e. _____ when minerals dissolve (in water) & crystallize (sediment is “glued together”)

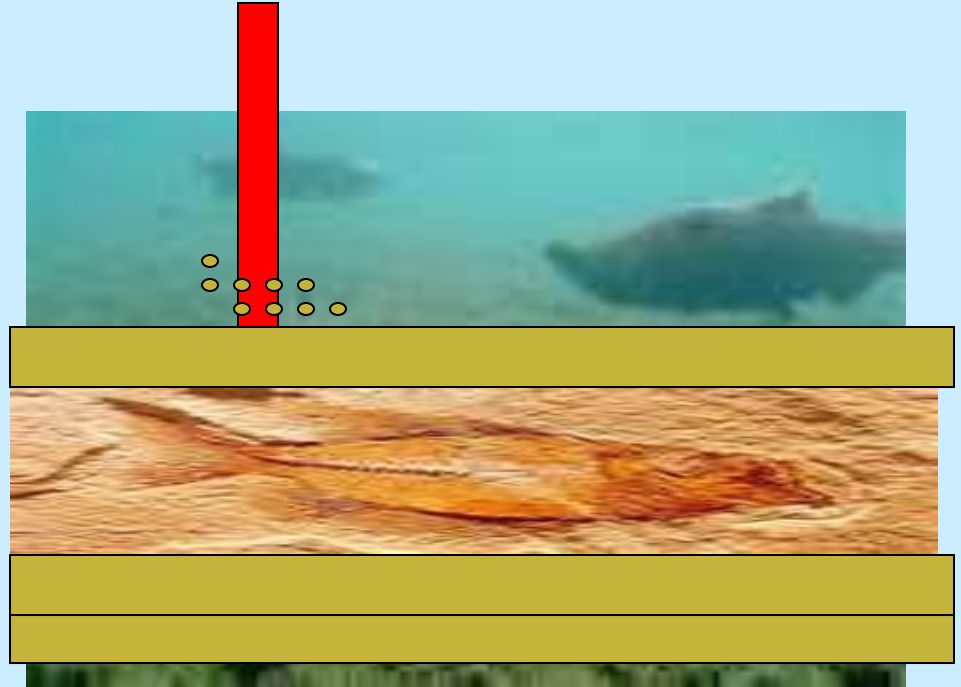
The steps to create most fossils in sedimentary rock:

1) Animal dies and sinks to the bottom of _____, usually a lake or pond.

2) _____ covers the organism. Soft parts of organism _____.

3) Through steps for _____ rock (EDCC) sediment becomes rock preserving parts of the organism.

4) Weather (breaking down) & erosion (carrying away) eventually _____ fossil at surface.



Draw how you think fossils are formed below: