24.3.20

Trace Fossils:

Trace fossils can be in the form of: footprints, bite marks, nests and droppings.

Mould Fossils:

Mould fossils are made when an animal or plant is destroyed but the mud around it hardens and makes the shape.

Resin Fossils:

Resin fossils are made when an insect or bug gets caught in tree sap, the sap hardens and turns into amber with the bug still inside.

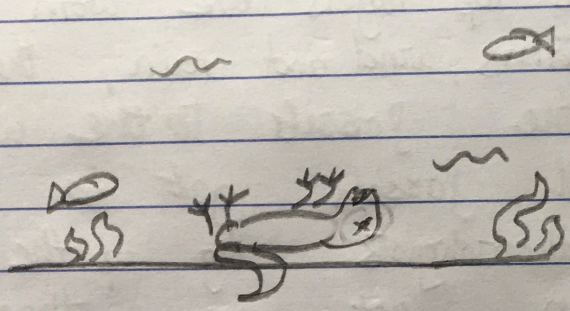
Body Fossils:

Body fossils are made when a dinosaur dies in air or water and gets burried by mud. The soft parts of its body rot away but sometimes the skeleton survives long enough for the bones to be preserved.

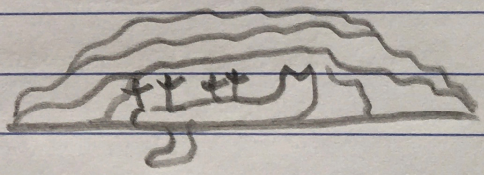
24.3.20

Mould and Cast:

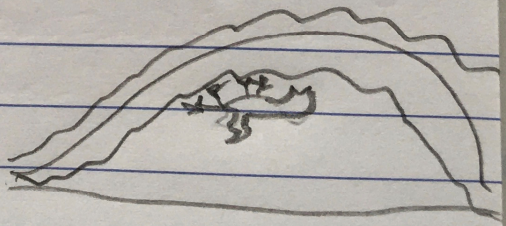
The dinosaur dies in a river, its body would lie on the sea bed. Then it rots or gets eaten by fish and the skeleton is left.



The skeleton now gets covered by sediment and is now surrounded by compressed stone. It is then washed away by slow trickles of water and all that is left is an open space which is in the shape of the body.



After millions of years rocks fill in the space and are now in the shape of the body. The rock surrounding it rises to the Earth's surface, this can happen in an earthquake or when a mountain is formed.



The top layers are worn away by storms, wind and rain, this shows the fossils to the world but not all fossils get to this stage. Paleontologists dig up the bones if we can not see them fully.

