Fossils and Soil Layers

Cast & Mold Technique

Here is an overview:

http://www.youtube.com/watch?v=TVwPLWOo9TE

Fossil Types:

-Trace (tracks, droppings, bite marks, plants)

-Mold (impression)

-Preservation/True Form (resin, amber, tar, ice, full body)

-Mineral replacement (cast)

Vocabulary

Soil Profile

Fossil Types:

Clay

(Impression/Mold Fossil)

Cast or Body Fossil

(Mineral Replacement)

Resin Fossil (Amber)

Trace Fossil

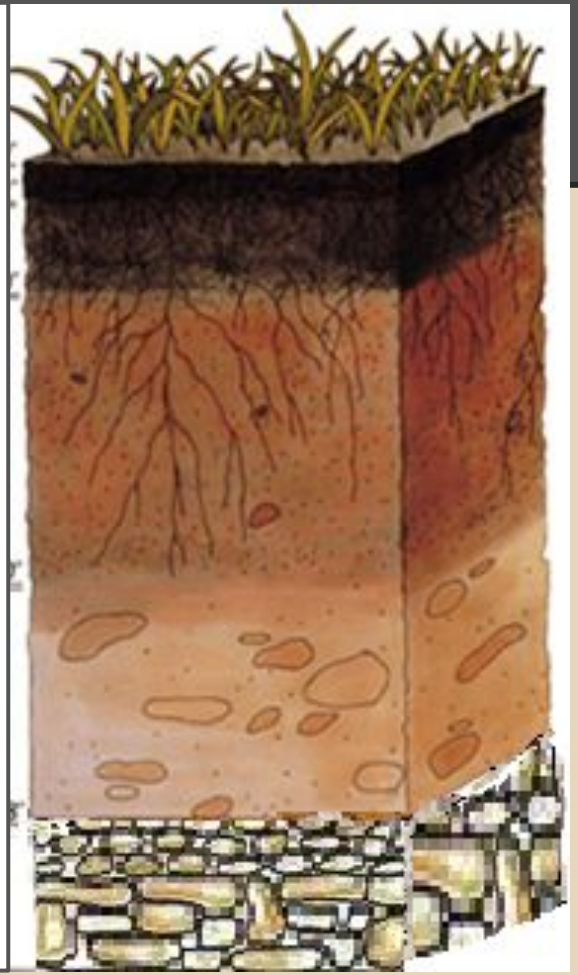
Organic Material

Topsoil

Subsoil

Parent Material

Bedrock



Green River Fossils

Today's Project

-On top of paper plates, we will roll out our clay into slab molds to make 3 impressions.

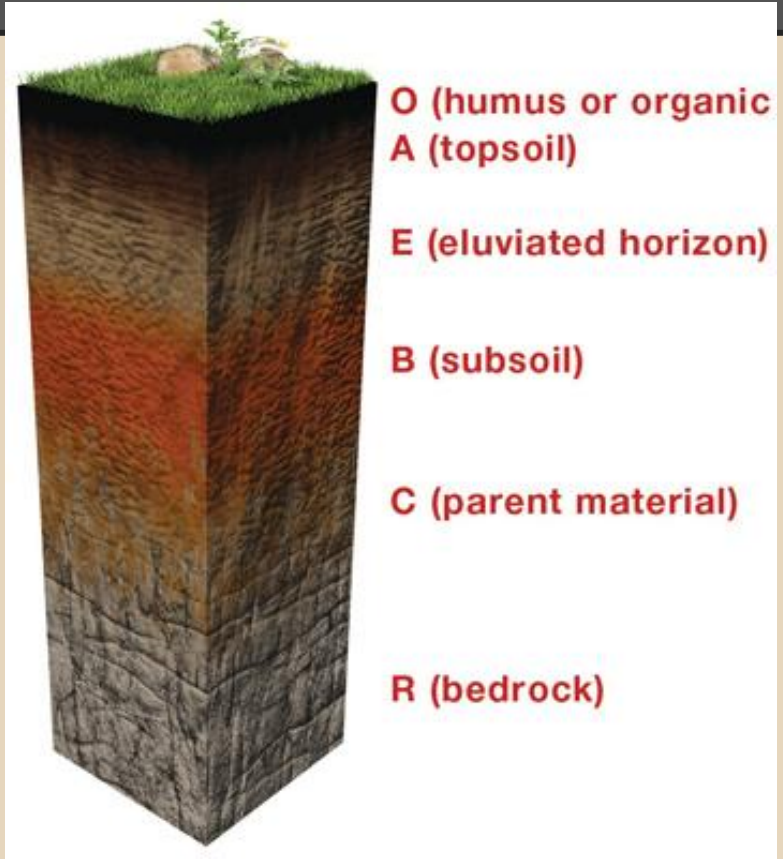
-2 of the impressions will be shells

-1 impression will be a small, carved fish fossil cut out of the foam we normally print with

-Into these molds, we will pour plaster to set up as our cast fossils for next week.

More Examples:

Soil Profiles

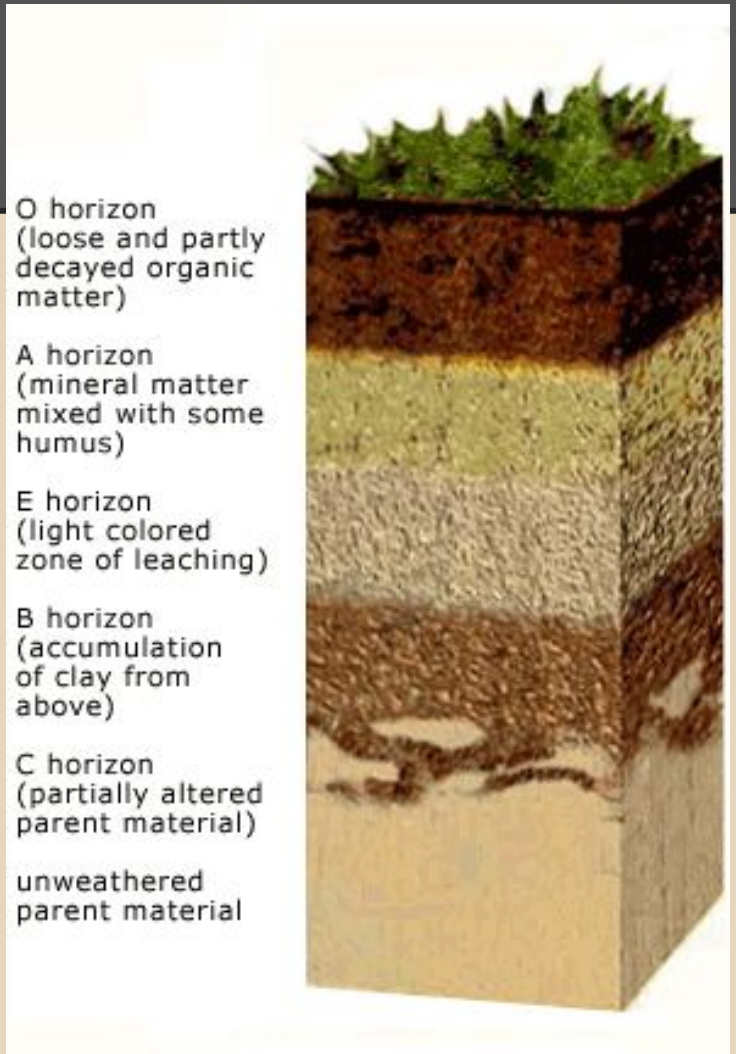


Bedrock
at Bottom

More Examples:

Soil Profiles

Bedrock at Bottom



More Examples: