

WHAT ARE FOSSILS

FOSSIL-

- Remains or traces of a living things that lived a long time ago
- Bone
- Footprint
- Shell
- Or the body of extinct organism

Fossils in rocks

- Most fossils are formed in sedimentary rock
- Fossils take millions of years to form
- Organisms buried by sediment: soft part decays while the hard parts (bones) turn into sedimentary rock

realization
of
fossilized forest, Arizona

Two main types of fossils found

- Mold- cavity, or opening in a rock that has the shape of an extinct organism
- Cast- mold that has been filled in by sediment

Imprints

- Some fossils are imprints
- Usually formed from the soft part of an organism
- Ex. Leaf or fish
- footprints

TP: Students will explore how fossils are formed and studied

- **Do Now: Explain what type of rock you are most likely to find a fossil in**
- **Homework:**
- **Complete the worksheet from class on Fossils**

Organism is preserved

- Ice- freezing helps preserve and prevents decay
- Tar- tar pits often covered in water, animals get stuck in the tar and sink to the bottom of the pit
- Amber- harden tree sap

