

FOSSILS ARE FUN



What is a fossil?

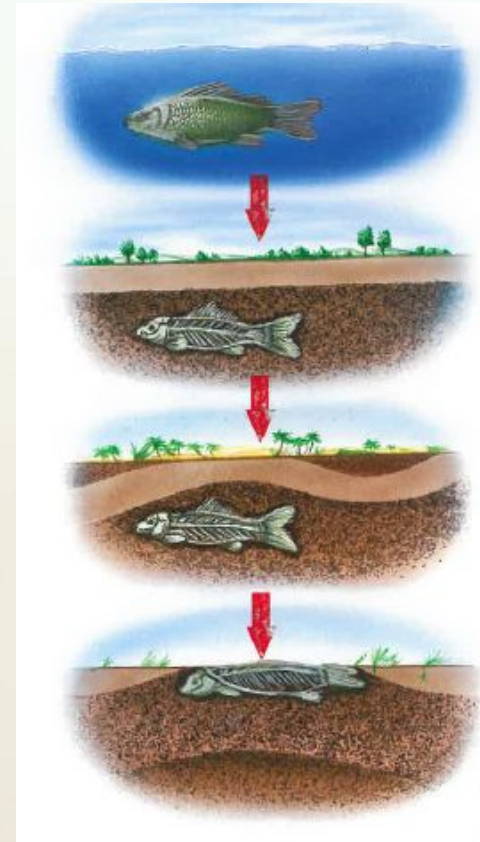
- Fossil means “obtained by digging”
- Animal or plant remains or traces preserved in rock
- More than 10,000 years old



How fossils are made

<https://www.youtube.com/watch?v=3rkGu0BItKM>

- A living thing dies and quickly gets covered by sediment
- Original minerals in the objects are replaced by other minerals
- A rock-like copy of the original object - a fossil is created



Types of fossils



**Petrified
Fossils**



Molds



Casts



**Carbon
Films**



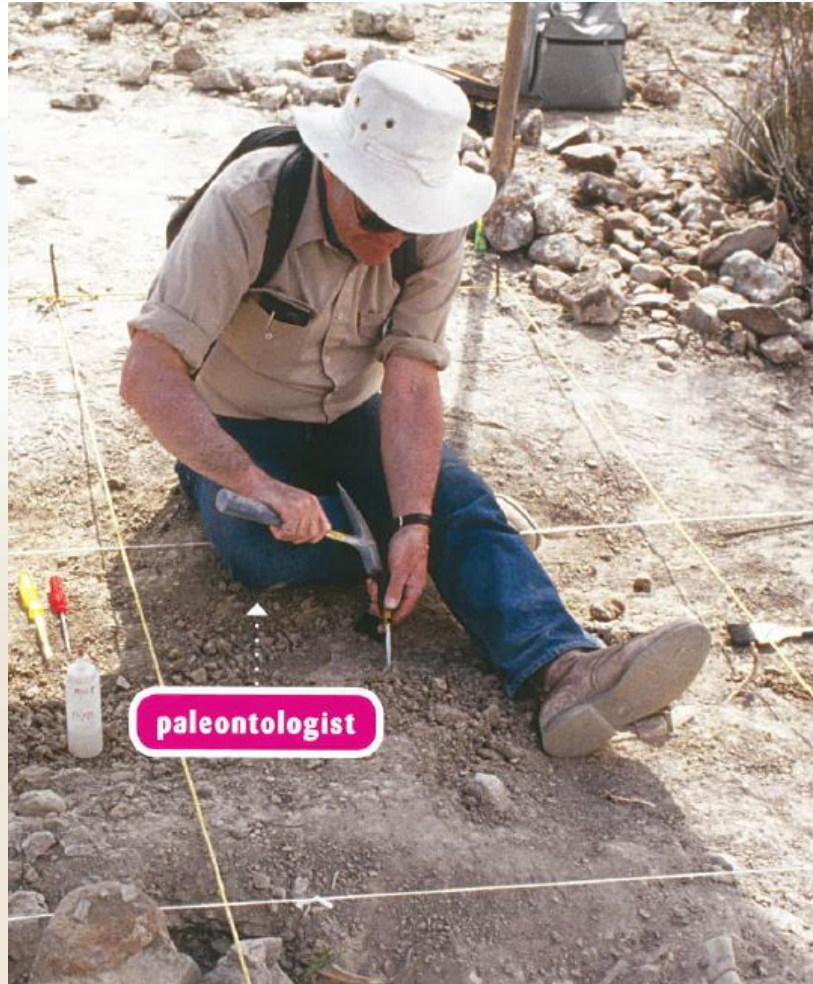
**Trace
Fossils**



**Preserved
Remains**

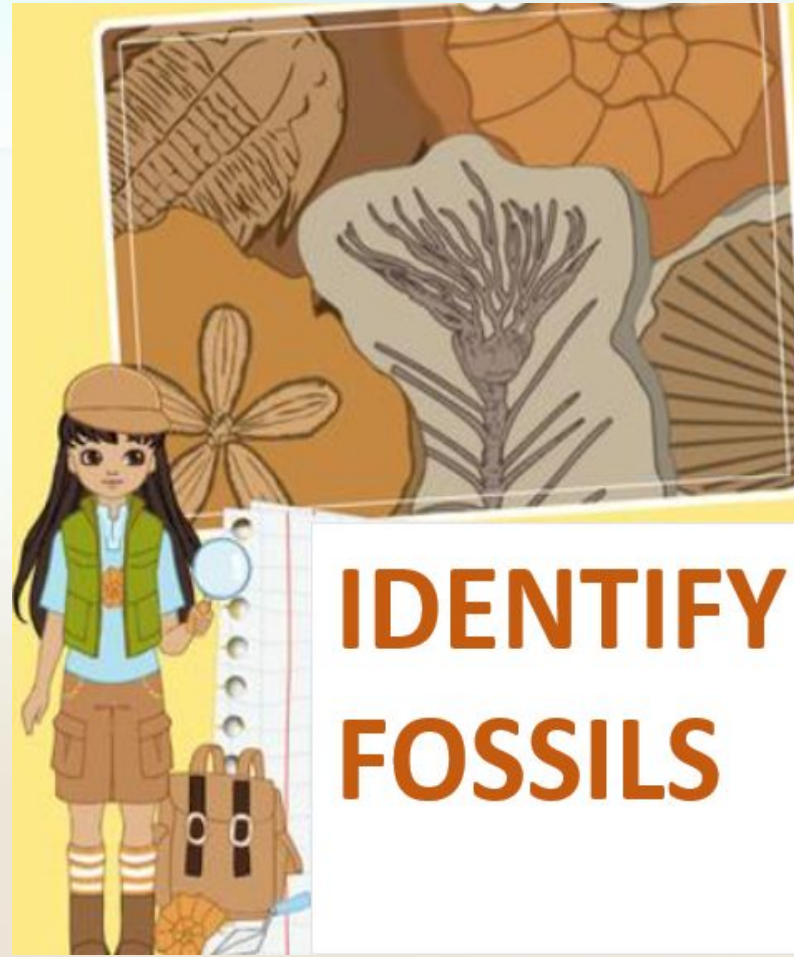
Each fossil tells
a story

Paleontology and paleontologists



Fossil or rock?

Activity 1



**IDENTIFY
FOSSILS**

Activity 2



FOSSIL IMPRESSIONS



Tools for digging up fossils

<https://www.youtube.com/watch?v=oetS-bdZLOY>



Activity 3



DINOSAUR

FOSSIL

Excavation Activity



Where can I see fossils?

Page Museum at the
La Brea Tar Pits, Los Angeles



Natural History Museum,
Sierra College, Rocklin



What we've learned today

- Words: amber, fossilize, paleontologist, sediment
- Fossil types
- How fossils are made
- Tools for digging up fossils
- How to make a fossil impression and excavate fossils

