

Level/Educator(s): Cougar Prep 4/5 - Mrs. Myers **Project Title:** Dinosaurs

Presentation of Learning (POL) Date: January 26, 2017

Inquiry Question: Why are dinosaurs extinct?

Learning Outcomes:

- The students will know and understand the role of a paleontologist in dinosaur research.
- The students will have an understanding of the different types of dinosaurs.
- The students will gain knowledge about dinosaur fossils and how they are used by paleontologists.
- The students will learn about the environments that dinosaurs lived in: land, water, air.
- The students will have an understanding of the different theories that explain why dinosaurs are extinct.

Concepts Introduced:

- Identify types of dinosaurs: carnivores and herbivores
- Fossils-How they are made and be able to determine what kind of fossil it is.
- Theories on why the dinosaurs became extinct.
- The role and responsibilities of a paleontologist in dinosaur research.
- Museums-how they preserve dinosaurs and educate us about dinosaurs.
- Science experiments related to dinosaurs
- Measurement-students use measurement tools to record length of dinosaur bones and understand how large the dinosaurs were.

Vocabulary:

dinosaur	egg	volcano	extinction	Paleontologist	Stegosaurus
fossil	skull	Triassic Period	explore	Triceratops	Apatosaurus
habitat	skeleton	Cretaceous Period	prehistoric	Pterodactyl	Brachiosaurus
bone	footprint	extinct	dig site	Tyrannosaurus Rex	Diplodocus

Technology Introduced:

- Practice safe and responsible use of the computer.
- Basic keyboarding skills
- Use of internet to research Dinosaurs/Paleontologists (with teacher's help)

Assessments/Work Product(s):

- Student surveys and data collection on classmates' and peers favorite dinosaurs.
- Class book of dinosaur drawings by students.
- Students participate in a dinosaur dig and create observational drawings of the dig.
- Student created fossils.
- Students learn songs about dinosaurs
- 3-D skeleton reconstruction of a dinosaur.
- Presentation of Learning