

Topic:	Dinosaurs
Subject:	Science
Grade:	Middle School
Overview:	Students will study and learn about different paleontologists and impact on their discovery with dinosaurs.
Objective:	Students will learn about the discoveries about dinosaur history and that each paleontologist adds their own evidence to the theories about dinosaurs.
Materials:	Computers with Jing downloaded Addition research sources Pens, Pencils, paper
Procedure:	<ol style="list-style-type: none"> 1. Ask students to brainstorm what they know about dinosaurs. If not mentioned, make sure to explain the idea of fossils and paleontology, and their involvement with dinosaurs. 2. Explain that scientists began studying dinosaurs in the late 18th century, and when they found fossils, that's when they began to realize that this animals were from extinction. 3. Students will conduct research on some major paleontologists and their discoveries. Students will divide into small groups of 3 or 4 and each group will be given one paleontologist to research and present as a group. <ul style="list-style-type: none"> • Georges Cuvier (1769-1832) • Gideon Mantell (1790-1852) • Mary Anning (1799-1847) • Othniel Marsh (1831-1899) • Edward Drinker Cope (1840-1897) • Roy C. Andrews (1884-1960) • Roland T. Bird (1899-1978) • Robert Bakker (1945 -) • James I. Kirkland (1954 -) 4. Each group will research online and then using Jing they will add different features to their presentation. 5. Jing will act as an assistant not the main component to the oral and visual presentation. Encourage students to include maps of where the fieldwork took place and drawings of the scientists' major discoveries. 6. Encourage students to expand their timelines in creative ways. For example, they could include an illustration of a dinosaur next to the paleontologist who helped discover it or drawings of the paleontologist showing his or her distinctive features.
Evaluation:	Students will be tested and assessed by the creativity and information within their project and by having a well rounded presentation with the inclusion of Jing .
Standards:	<ol style="list-style-type: none"> 1. Facilitate and Inspire Student Learning and Creativity 2. Design and Develop Digital-Age Learning Experiences and Assessments

Adopted from:

<http://school.discoveryeducation.com/lessonplans/programs/dinosaurdetectives/index.html>

