

# Lesson Plan: The Process of Excavating Dinosaur Bones

## Archeology 101

<b>Overview</b>	Students will be able to watch a dinosaur bone excavation, while being taught how to do one
<b>Objectives</b>	Students will learn the how to excavate dinosaur bones and then they will be able to watch an actual excavation
<b>Materials</b>	Projector, an excavation site to watch using vawkr, an expert that can explain what exactly is going on at the site. This assignment will take approximately 1 hour and 30 minutes to complete.
<b>Procedure</b>	<ol style="list-style-type: none"><li>1) This is an assignment that students will complete individually and without handouts. The teacher will instruct the students to take notes and pay attention to all of the lecture.</li><li>2) Talk about excavating fossils in general<ol style="list-style-type: none"><li>a) Ask if anybody knows what it is</li><li>b) Mention the different variations of fossils, using sources from the internet or books.</li></ol></li><li>3) Talk about dinosaur fossils<ol style="list-style-type: none"><li>a) History of dinosaur fossils</li></ol></li><li>4) Basic Terms<ol style="list-style-type: none"><li>a) have the archeologist email a list of terms the students might not be familiar with, and have the instructor lead a class discussion on the different terms.</li></ol></li><li>5) Talk about excavation process<ol style="list-style-type: none"><li>a) Go step by step, have the archeologist explain to the students before hand what will happen and what they should be looking for.</li></ol></li><li>6) Watch excavation process through vawkr<ol style="list-style-type: none"><li>a) Have webcam at the site pointed at the excavation</li><li>b) Have an archeologist at the site explain what is happening as it happens</li><li>c) Students can ask questions to the archeologist before, during, and after the presentation</li></ol></li><li>7) Take quiz</li></ol>
<b>Evaluation</b>	Ten point, ten question quiz. These questions will be over what the teacher says and not what the archeologist says. Questions will range from short answer to multiple choice. Each question is worth one point, and a point will be deducted for a wrong answer. The student will receive a 0 if they do not pay attention or do not come to class on the day of this presentation.