

# Lesson Plan

## Palaeontology Presentation

Time	Activity	Notes	Material
0:20	Introduction & Deep Time Activity	Introduce myself, let the students know what the next few hours will look like, and go through the “Deep Time” activity. Goal is to illustrate to the students just how long ago palaeontological events happened as well as to set the stage for the presentation.	<ul style="list-style-type: none"> <li>- Rope with major events in the history of life marked</li> <li>- Life Events PPT</li> </ul>
0:40	Palaeontology in Alberta Presentation	History of Palaeontology in Alberta, Important Palaeontological Resources	Palaeontology in Alberta PPT
(Break)		Break for Recess	
1:35 (20 minutes , +5 to switch classes x 3 classes )	Fossils Activity / Palaeontology Centres	<p>One class at a time will do the Fossil Activity for 20 minutes while the other classes do the Palaeontology Centres. After 20 minutes, we'll switch classes.</p> <p>Palaeontology Centres: work through any of the provided centre activities!</p> <ul style="list-style-type: none"> <li>- Trackways: Infer behaviour from dinosaur tracks</li> <li>- Palaeo art: Use what you've learned about the past to illustrate a scene for ancient Alberta.</li> <li>- Letter to a Palaeontologist: Write a letter to a palaeontologist with any questions you have! I will collect these at some later date and send the responses back.</li> </ul> <p>Fossil Activity: split the class into two. Half will do the APS Fossil Collection and half will do the Fossil Scavenger Hunt</p> <p>APS Fossil Collection: Gather around the table with the APS fossil collection. I will explain what some of them are and they will have a chance to look at the fossils and ask questions.</p> <p>Fossil Scavenger Hunt: I will bring some fossil-bearing (and not!) rocks from Kananaskis, and the students will try to find the fossils of different species of animal!</p>	<p>Fossil Activity:</p> <ul style="list-style-type: none"> <li>- Space in library</li> <li>- Magnifying Glasses</li> <li>- Common Fossil Identification Guide</li> </ul> <p>Centres:</p> <ul style="list-style-type: none"> <li>- Letter to a Palaeontologist: blank paper</li> <li>- Palaeo Art: Blank paper, pencils, markers, general art supplies, books for inspiration</li> </ul>