
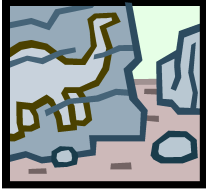

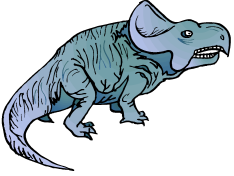
 <p>Introduction</p>	 <p>Task</p>	 <p>Process</p>	 <p>Evaluation</p>	 <p>Teacher Resources</p>
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Click on the icon to navigate to that section of the WebQuest, then on the corresponding icon to return to the above chart.



Introduction

You are a member of the Board of Directors for the Royal Tyrrell Museum. The board has been asked to speak to Ms. Moneybags, who is a wealthy member of the community. Ms. Moneybags is interested in leaving her fortune to an Albertan museum and you must convince her that the Royal Tyrrell Museum would be the best recipient of her fortune.



Task

In your presentation, you will need to answer the following five questions that Ms. Moneybags would like answered. They are:

- 1.) What is paleontology?
- 2.) How and where were dinosaur fossils found in Alberta?
- 3.) Who is the Royal Tyrrell Museum named after and why was he important to the discovery of fossils in Alberta?
- 4.) How does the Royal Tyrrell Museum help to preserve Alberta's fossil heritage?
- 5.) Why do you feel that the Royal Tyrrell Museum is important to Alberta's identity and that Ms. Moneybags should leave her fortune to it?

Keep a journal as you proceed on this quest to record jot notes on the information that you find and your thoughts. One way to organize your

journal would be to put the question at the top of your page as your title so you know where to find the information you have written down. Include drawings, words, ideas, and information, anything to help you answer Ms. Moneybags' questions.

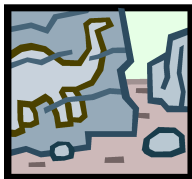
All of your information will be presented in a multimedia presentation such as PowerPoint.

You will need to follow the format given in your multimedia presentation:

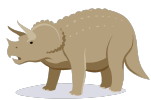
- ❖ Slide 1 - title page
- ❖ Slide 2 - information to answer question #1
- ❖ Slide 3 - information to answer question #2
- ❖ Slide 4 - information to answer question #3
- ❖ Slide 5 - information to answer question #4
- ❖ Slide 6 - information to answer question #5
- ❖ Slide 7 - conclusion
- ❖ Slide 8 - website and resource list

The multimedia presentation will include:

- ❖ a readable font
- ❖ non-distracting transitions
- ❖ an appealing background
- ❖ at least one relevant image included on each slide, along with information to answer the question
- ❖ websites acknowledged for use



Process



To learn about what paleontology is, click on the following links for information. Don't forget to take jot notes and record the website address in your presentation.

[Paleo Explorer Kids](#)

[Dinosaur Brainteaser - National Geographic](#) - just for fun



The links below will give you information about the history of dinosaurs in Alberta and fossil discoveries that took place.

[Dinosaur Provincial Park - Timeline](#)

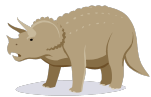
[I Love Dinosaurs](#) - map of fossils and good images/diagrams

[Dinosaurs in Alberta](#)

[Finding Dinosaurs in Alberta](#)

[History of the Drumheller Valley](#)

[Geological Survey of Canada](#)



The films and links below will help you learn about Joseph Tyrrell, the namesake for the Royal Tyrrell Museum.

Watch the following Movie Maker film, by clicking on the green play button, showing Joseph Tyrrell and the discovery of dinosaur bones in the Alberta Badlands. While you watch, listen to the voice and think about what it might have been like to be Joseph Tyrrell at that time.



Now, watch the following video from Historica.



www.HISTORI.ca

**Historica Logo and video clips are used with the permission of Historica Canada.

In your notebook, record your thoughts and reflections after watching the videos. Here are some things to think about:

- What might Joseph Tyrell felt like when he found the dinosaur bones?
- Why do you think this event was important to Alberta's history?
- Does this event still have an impact today? If yes, how?
- Why do you think that this fossil find in the Badlands of Alberta was so large?

[Joseph Burr Tyrrell](#)



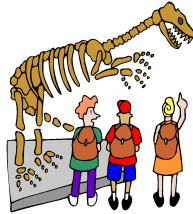
Below you will find links giving you information about how the Royal Tyrrell Museum. These will help you learn about the history of the museum and will give you a virtual tour inside the museum.

[Royal Tyrrell Museum](#) - Frequently Asked Questions

[Virtual Museum Tour](#)

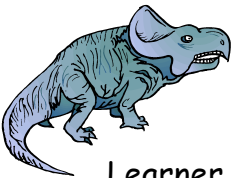
[Photos from the Royal Tyrrell Museum](#)

Evaluation



[Oral Presentation Rubric](#)

[Slide Show Presentation Rubric](#)



Teacher Resources

Learner Outcomes

Students will learn about Joseph Tyrrell, the Royal Tyrrell Museum, and create an oral presentation explaining the significance of the Royal Tyrrell Museum to Alberta's Heritage.

Outcomes:

Students will:

- 4.1.1.1 - appreciate the diversity of elements pertaining to paleontology in Alberta
- 4.1.1.2 - appreciate how Alberta's fossil heritage contributes to the province's unique character
- 4.1.3.1 - critically examine how archaeologists and paleontologists discovered the presence of dinosaurs in Alberta.
- 4.1.4.4 - analyze the ways in which the Royal Tyrrell Museum contributes to scientific knowledge regarding Alberta's fossil heritage.
- 4.1.4.5 - analyze how the ownership of an artifact can be determined.
- 4.S.2.1 - use photographs and interviews to make meaning of historical information
- 4.S.4.3 - select and use technology to assist in problem solving
- 4.S.7.9 - navigate within a document that contains links
- 4.S.8.1 - organize and present information, taking particular audiences and purposes into consideration

4.S.8.3 - listen to others in order to understand their perspectives

4.S.8.6 - communicate effectively through appropriate forms, such as speeches, reports and multimedia presentations, applying information technologies that serve particular audiences and purposes.

Things to discuss with students prior to beginning this WebQuest:

- ❖ how to read a map and legend
- ❖ the importance of recording website addresses and other resources in their presentation and giving credit where credit is due
- ❖ how to put information found on the internet into their own words
- ❖ how to take jot notes
- ❖ how to arrange their journal/notebook for this project
- ❖ how to use the multimedia program they will be using for their presentations
- ❖ a brief introduction/share session about the Royal Tyrrell Museum
- ❖ how they will be evaluated on this WebQuest

A huge thank you to:

Mark Laurie and Historica Canada for the Heritage Minute video clip



www.HISTORI.ca

Brenda Dyck for her expertise and time

The Central Alberta Regional Consortium for the opportunity to work on this project.