

Date:

Earth Science 11

Name:

Astronomy Inquiry Opportunity

Objective: To investigate an aspect of space that interests YOU.

The Task: In approximately 300 words, you are to explain the topic of your choice. You must incorporate research, and include a references section at the end. Use at least 3 good sources, identified in a *Sources* section at the bottom of your page. You must include the title of the source, the date of publication and a working link. Please use the following format for your references:

Last name of author. Date. Title of article. Working link.

If 300 words is too much for you to tackle right now, you can choose 2 separate topics and write 150 words about each. Include separate sources for this option.

This will go on a new page on your ePortfolio. Create a new page called “Astronomy Inquiry” and publish it as a subpage of Unit 1. (*I can show you how to do this*).

Please include at least one relevant photo per topic. This will make your eP pretty 😊

Your assignment will be marked out of 40. Please see the rubric on the back for more.

You may choose from the following topics. If there is another Astronomy topic that you are interested in researching, ask me for approval, I probably won't say no!

- Contributions of an astronomer (historical or modern day)
- Black Holes
- Aboriginal perspectives on astronomy
- Telescopes
- Travel in space
- The science of space suits
- How particle accelerators are used for astronomical research
- Quasars
- Dark matter/ dark energy
- Mars rover
- What effect does space travel have on the human body?
- Canadian technology used in space
- Current Canadian involvement in astronomical research
- Terraforming
- Satellites, Probes and Rovers
- Future plans for space exploration
- International Space Station
- Rockets and Space shuttles
- Asteroid mining

Mini Deadlines:

Tuesday Oct 24: Choose topic, begin research

Wednesday Oct 25: Conduct research, find sources. Have first 100 words completed.

Thursday Oct 26: Conduct research, have next 100 words completed.

Friday Oct 27: Last class to work. Set up page in eP. Format sources, upload photos, and complete final 100 words.

Monday Oct 30: Assignment is due, uploaded to eP **before** class. There is no class time for this.

	Exceeds expectations	Meets expectations	Approaching expectations	Does not meet expectations
Content (20 marks)	In-depth coverage of topic, topic is appropriate to assignment, strong basis in sound, research-based information, outstanding clarity At least one relevant, visually pleasing photo per topic is included.	Good coverage of topic, topic is appropriate to assignment, basis in sound, research-based information, clear and understandable One relevant, photo per topic is included.	Topic in adequately covered, topic is appropriate to assignment, not based on research-based information clear and understandable Only one photo is included, even though there are 2 topics discussed.	Coverage of topic, topic is inappropriate to assignment, not based on research-based information, unclear and difficult to understand No attempt to include a relevant photo
Mechanics (10 marks)	No misspellings or grammatical errors. Text is in student's own words.	Three or fewer misspellings and/or grammatical errors. Clear attempt to put text in own words.	Four misspellings and/or grammatical errors. Little attempt to put text in own words.	More than four misspellings and/or grammatical errors. Text is copy & pasted.
Sources cited (10 marks)	More than 3 sources are included in sources section. Sources are academic and reputable. Source title; publish date and working link included.	3 sources are included in sources section. Sources are academic and reputable. Source title; publish date and working link included.	1-2 sources are sited in the appropriate slide. Sources may not be academic or reputable Or source title; publish date and working link are not included.	No sources are cited.

Total Mark:

/40