

Astronomy Project

Distance Learning

BIG IDEAS

- Astronomy benefits from and stimulates technology development
 - Space exploration benefits human society

Choose ONE of the following topics to explore further:

- Write a journal of "A day in the life of an astronaut" on the space station
- Write about some "everyday benefits of space exploration"
- Write a sales pitch for space travel and tourism
- Research a company/person working on space travel
- Discuss: Why go to space when we have so many problems on Earth?
- What's new in astronomy research? Discuss how observatories around the world work together.
- Your own idea? What aspect of space and technology most interests you? What do you wonder about?



Project Planner

My topic: _____

How are you going to present your learning? _____

Before you begin your project, brainstorm 4-5 questions / mini-topics that you will need to investigate in order to complete the project.

Question 1 – type here

Question 2 – type here

Question 3 – type here

Question 4 – type here

Once you have your questions, use the following organizer to help you find the information you will need to complete the project.

Helpful Websites:

- [Canadian Space Agency – Benefits of Space Exploration](#)
- [Canadian Space Agency – Astronauts FAQ](#)
- [NASA – Life on the Space Station](#)
- [Space.com – Space Tourism](#)
- [European Space Agency – What’s New in Research](#)
- [Space.com- The Latest News](#)
- [Universities Space Research Association](#)
- [Canadian Space Science](#)
- [Benefits of Space Science](#)

Research Notes

Question 1 -

type your notes here

Question 2 -

type your notes here

Research Notes

Question 3 -

type your notes here

Question 4 -

type your notes here

Mark Rubric

	Not Yet Within Expectations Needs Some Work (2)	Meets Expectations Good Start (3)	Fully Meets Expectations Well Done (4)	Exceeds Expectations Wow! (5)
Content (15 marks)	<ul style="list-style-type: none"> My information is often inaccurate or copied I didn't include all of the information required. Little understanding of shown. There is no organization of my material. It is confusing and difficult to follow. 	<ul style="list-style-type: none"> My information is generally relevant and accurate but may be missing details I only included the basic information about astronomy, space and its impacts and benefits. I have some organization of material, but it is sketchy at best. 	<ul style="list-style-type: none"> My information is accurate, complete, and specific I did a great job of covering all of the information about astronomy, space and its impacts and My information is well organized and my ideas are clearly and logically developed. 	<ul style="list-style-type: none"> My information is accurate, specific and complete. I went well beyond the basic information astronomy, space and its impacts and benefits. and showed additional thought / information. My information is well organized and my ideas are clearly and logically developed.
Presentation (10 marks)	<ul style="list-style-type: none"> No visuals. I have no introduction and / or conclusion. My work is not very organized. Weak presentation I should have spent more time editing my work. 	<ul style="list-style-type: none"> Visuals are included but not labeled. There is a weak introduction and conclusion. My work is somewhat organized. Satisfactory presentation I should have spent more time editing my work. 	<ul style="list-style-type: none"> Visuals are labeled and relevant. I have an introduction and conclusion. My work is organized with headings. Well done presentation Small edits are still required. 	<ul style="list-style-type: none"> Visuals are well labeled and relevant. I have a clear introduction and conclusion. My work is organized with clear and logical headings. Excellent presentation Well-edited
Research Notes (5 marks)	<ul style="list-style-type: none"> I didn't include my research notes 0 marks 	<ul style="list-style-type: none"> I didn't include very many details in my research notes I am missing several key points 	<ul style="list-style-type: none"> I included most of the required information in my notes I included all key points 	<ul style="list-style-type: none"> I went beyond the basics and included extra details and ideas I included all key points
Works Cited (5 marks)	<ul style="list-style-type: none"> I didn't include one. (0 marks) 	<ul style="list-style-type: none"> I only listed my sources I have fewer than 3 sources. 	<ul style="list-style-type: none"> I have my sources properly cited I have at least 3 sources 	<ul style="list-style-type: none"> I have my sources properly cited I have 4 or more sources