

Grade Level: 4-5

Curriculum: Explorations, ADST

Title of Lesson: Canada's Space Legacy

Learning Goals/Objectives:

- Skills are developed through practice, effort, and action.
- Exploring our strengths and abilities can help us identify our goals.
- Use innovative thinking when solving problems

Materials Needed:

- Internet Access
- Pencil and Paper

Activity Instructions: (Step by Step)

- Canada has had a long history when it comes to space exploration. Many of us know Chris Hadfield as the first Canadian Commander of the International Space Station, but don't know much more about our legacy in space!
 - Watch this video about our space history:
https://www.youtube.com/watch?v=Sbf1Svw_rTY&t=0s
 - The name of the first satellite in space was Sputnik. The name means "travelling companion". The second satellite was named Explorer. The third one, which was launched by Canada, was named Alouette. Looking online, can you find out what Alouette translates to in English?
 - Can you find a theme in the names of these early satellites?
- What is the name of the Canadian invention that helped to assemble the Space Station?
- How many robots made by Canada were you able to count in the video?
- Choose one of the Canadian Astronauts shown in the video. Research them to complete their biography form below

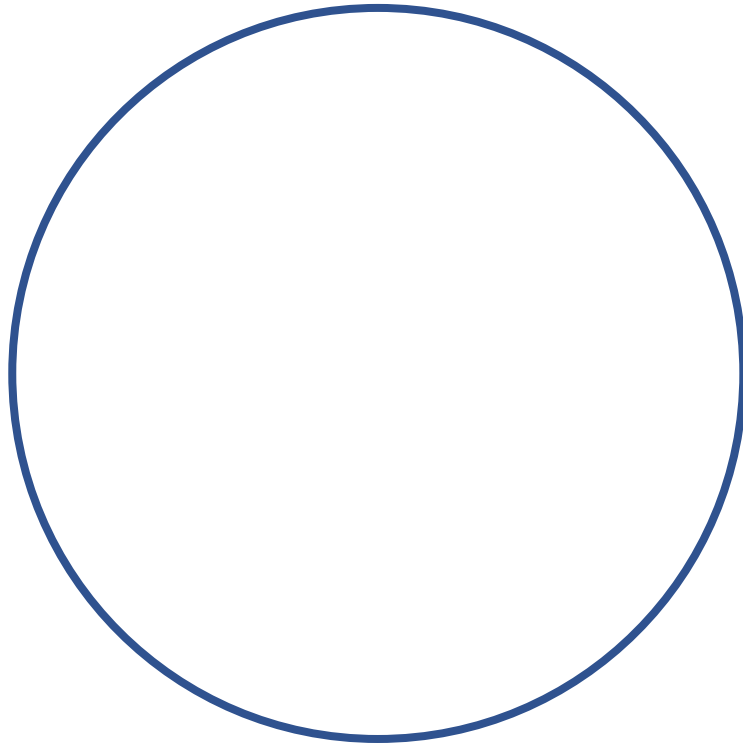
Extensions (Optional):

- Imagine that you are the next great Canadian Space innovator. What invention will you make? What space problem will it solve? Draw a picture of your design and how it solves the problem

Researcher: _____

Who am I Researching?

What did they do?



Draw a portrait of your Famous Canadian!

What are Five Facts about this person that you think everyone should know?

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____