

Canadians in Space

Answer the following questions on a new separate piece of paper. You may type your answers.
Go to the Canadian Space Agency website: <https://www.asc-csa.gc.ca>
Choose the **Activities sectors** tab, and choose **Astronauts** link.

1. Click on the **Canadian astronauts** link. Who are the **four** current active Canadian astronauts? Where are they from? What is their education and what are they doing at NASA?

Name: _____

From: _____

Education: _____

Role at NASA: _____

Name: _____

From: _____

Education: _____

Role at NASA: _____

Name: _____

From: _____

Education: _____

Role at NASA: _____

Name: _____

From: _____

Education: _____

Role at NASA: _____

2. Click on the **former astronauts**. Name each of the former Canadian astronauts.

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

3. Click on **Julie Payette**

a. Where is she from? _____

b. Describe Payette's space flight experience from July 15-31 2009.

4. Click on **Marc Garneau**

a. Where is he from? _____

b. What did he do in 1984?

c. Why was this remarkable?

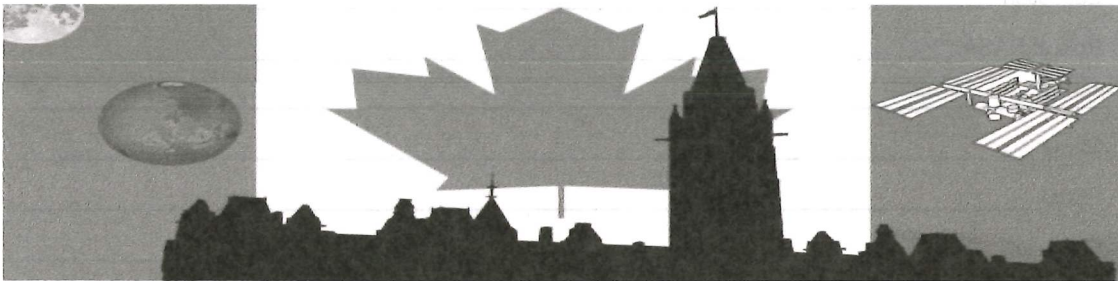
5. Go to the **Human space missions** Link. What is the name of the most recent space mission, who was the Canadian on the mission, when did it occur and what was the name of the launch vehicle?

Mission name: _____

Canadians involved _____

When: _____

Launch Vehicle: _____



Canada's Contributions to Space

1. Click on the link **Activities Sectors**, choose the **International Space Station** link, and choose the **About** link.
- a) What is the International Space Station (ISS)? When was it launched into space?

- b) List the 5 countries that are partners in the ISS.

1. _____
2. _____
3. _____
4. _____
5. _____

- c) How big is the ISS?

Length: _____

Width: _____

- d) How many times does it orbit the Earth each day? _____

Canada's contribution to the International Space Station consists of cutting-edge robots: **Canadarm2** and **Dextre**, and the **Mobile Base System**. All three parts are essential for many maintenance tasks and regular operations that occur onboard the ISS. Click on the link **Activities Sectors**, choose the **International Space Station** link, and choose the **Canadian Space Robotics** link.

Canadarm2

2. What is the Canadarm2? _____

3. What three tasks does it perform in space?
- a. _____
 - b. _____
 - c. _____

Dextre

4. What is the Dextre? _____

5. What three tasks does it perform in space?
- a. _____
 - b. _____
 - c. _____

Mobile Base System

6. What is the Mobile Base System? _____

7. What major things does it transport while in space?
a. _____
b. _____
c. _____

