

## Nova Scotia Science 9 - [Canadian Space Agency](#) Resources

### The Beginnings

- Describe theories on the formation of the solar system
- Explain the need for new evidence in order to continually test existing theories about the composition and origin of our solar system and galaxies
- Describe theories on the origin and evolution of the universe

### Additional resources

- [A brief history of astronomy | Canadian Space Agency \(asc-csa.gc.ca\)](#)

### The Universe

- Describe and classify the major components of the universe
- Describe and explain the apparent motion of celestial bodies
- Provide and describe examples of how Canadian research projects and careers are supported through science and technology

### Activities

- [Deep-Space Diplomacy | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Mars Base: Now Accepting Applications | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Game - RADARSAT Constellation Mission \(RCM\) | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Game – OSIRIS-REx | Canadian Space Agency \(asc-csa.gc.ca\)](#)

### Quizzes

- [OSIRIS-REx Mission Quiz: Test Your Knowledge | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [What do you know about the RADARSAT Constellation Mission? | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [How well do you know the International Space Station? | Canadian Space Agency \(asc-csa.gc.ca\)](#)

### Videos

- [Video Search | Canadian Space Agency \(asc-csa.gc.ca\)](#)
  - o A variety of short videos of the Canadarm 2, a significant Canadian contribution to space exploration
- [Building on a lunar legacy: Canadian astronauts look towards a new chapter of Moon exploration | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Canada is designing a rover for Moon exploration | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Artemis I mission: Orion's journey around the Moon | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [To the Moon! – Infographic - Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Animation of Canadarm3, Canada's contribution to the Lunar Gateway | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [The CSA: Inventing Tomorrow's Technology | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Canada's contribution to the James Webb Space Telescope | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [Movements of the Moon | Canadian Space Agency \(asc-csa.gc.ca\)](#)
- [The Moon, the natural satellite of Earth | Canadian Space Agency \(asc-csa.gc.ca\)](#)

#### Additional resources

- [Canadian Space Agency Jobs & Careers in Canada | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/careers)
- [Earth planet | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/earth)

#### The Solar System

- Describe the composition and characteristics of the components of the solar system
- Explain the need for new evidence in order to continually test existing theories and identify new questions that arise
- Describe the effects of solar phenomena on Earth
- Propose alternative solutions to space life, develop a plan and data, and defend, with a report, your group's position

#### Activities

- [How to make your pinhole projector for eclipse? | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/pinhole)
- [Creating Moon craters | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/moon)
- [Dragons' Den | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/den)
- [Operation: Negotiation | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/negotiation)
- [Searching for Life Beyond Earth | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/life)
- [Living Space | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/activities/space)

#### Additional resources

- [Fact sheets | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/factsheets)
- [Our solar system | Canadian Space Agency \(asc-csa.gc.ca\)](https://www.asc-csa.gc.ca/en/solar)