

Space Exploration Meeting Outline

[Opening - 5 min](#)

[Introduction - 5 min](#)

[Presentation - The International Space Station \(ISS\) \(10 mins\)](#)

[Activity - Alouette Paper Model \(30 mins\)](#)

[Activity - Kub Rockets \(30 mins\)](#)

[Closing - 10 min](#)

Opening - 5 min

Introduction - 5 min

Badge Requirements

Do any four (4) of the following requirements:

1. Discuss the importance of space technology in Canadian living. This could include:
 - (a) weather forecasts
 - (b) communications
 - (c) search and rescue operations
 - (d) map making
 - (e) promoting international cooperation between Canada and other countries
2. Make a drawing or model of a satellite, such as Canada's first satellites Alouette I and II, ISIS or Hermes, or another satellite of your choice.
3. Make a presentation about the Space Shuttle, including the Canadarm.
4. Design and build a space station. Include living requirements, such as water, air and food supplies, power sources, communications and describe what peaceful activities the space station can be used for.
5. Draw or make a model of a rocket, or of a space craft of your own design. Tell about any special features you have included in your model.
6. Draw or make a space suit currently in use or one of your own design. Tell about any special features you have included in your model.
7. Make a report on or a scrapbook about an astronaut, mission team or space mission of your choice.

Presentation - The International Space Station (ISS) (10 mins)

[The Space Station, PIECE BY PIECE](#) Watch what happened from 1998 until 2008; the pieces come together as they are sent up from Earth.

Activity - Alouette Paper Model (30 mins)

See [Alouette 1 Paper Model](#) for a template of Canada's first satellite.

Materials:

1. 20 scissors
2. print-outs of paper model
3. glue sticks
4. toothpicks

Activity - Kub Rockets (30 mins)

Handout rocket kits and teach cubs how to assemble & decorate them. They will likely need to finish at home.

Closing - 10 min