**Technology in Space Exploration**

Since the advent of the telescope, humans have been fascinated by space. Technology has continually given us a better look into the cosmos. Excitingly, some of the most important advances have a strong Canadian connection. In this option, you will outline some of the technological developments that have paved then way to a greater understanding of our amazing universe. In this project your tasks include:

1. Select three pieces of technology that have contributed to our understanding of space.
2. Research the background of each piece of technology and prepare a report on each. Answer such questions as:
3. Who invented the technology? When? How? Where?
4. What were the driving forces behind its invention (i.e. the space race)?
5. How has this technology enhanced our understanding of space? You may want to use a before and after type explanation to show its impact.
6. How could this technology be used in future exploration?
7. Illustrate each piece with a series of drawings that include technical specs (size, processing power, etc.) Optionally, you may choose to create a model for your technology examples.
8. Make the illustrations large enough so that it can be brought to the classroom and displayed to your classmates.

*This project requires you to show some creativity as well as the ability to accurately gather information from a variety of sources. It is important that your research component includes a bibliography with a list of sources. Do not rely on Wikipedia alone for your content as Wikipedia can often be misleading and inaccurate.*