

## **Alberta Grade 7-8 Science Curriculum**

**Science Program Foundation 3** - Students will develop the skills required for scientific and technological inquiry, for solving problems, for communicating scientific ideas and results, for working collaboratively and for making informed decisions.

### **Students will:**

Ask questions about the relationships between and among observable variables, and plan investigations to address those questions

- identify science-related issues
- identify questions to investigate arising from a problem or issue
- phrase questions in a testable form, and clearly define practical problems (e.g., rephrase a general question)
- state a prediction and a hypothesis based on background information or an observed pattern of events
- design an experiment, and control the major variables