

British Columbia Grade 6-8 Science Curricular Competencies

Students are expected to be able to do the following:

- ❖ Collaboratively plan a range of investigation types, including field work and experiments, to answer their questions or solve problems they have identified
- ❖ Measure and control variables (dependent and independent) through fair tests
- ❖ Use scientific understandings to identify relationships and draw conclusions
- ❖ Observe, measure, and record data ([qualitative](#) and [quantitative](#)), using equipment, including digital technologies, with [accuracy](#) and [precision](#)
- ❖ Co-operatively design projects
- ❖ Transfer and apply learning to new situations
- ❖ Generate and introduce new or refined ideas when problem solving
- ❖ Communicate ideas, findings, and solutions to problems, using scientific language, representations, and digital technologies as appropriate