

GEOLOGY 12

**QUICK-START GUIDE
BRITISH COLUMBIA CURRICULUM**



Lessons and activities at a glance,
aligned to the BC Geology 12 curriculum:
readings, labs, data sets, and
computations. Built to connect geology
to real-world energy for your students
while saving you planning time.

FREE + EDITABLE

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Geology Big Ideas: Minerals, rocks, and earth materials form in response to conditions within and on the Earth's surface and are the foundation of many resource-based industries.

Geology Content: BC resource deposits and other deposits

- Origin and formation
- Economic, environmental, and First Peoples considerations

LESSON	ACTIVITY
Science of Coal	Assign the Extended Reading and data practice on coal's role as an energy source and its impacts.
Introduction to Natural Gas	Complete the hands-on activity exploring the energy density of natural gas.
Science of Oil	Practice unit conversions with the Computations.
Introduction to Geothermal	Assign groups the bell ringer and the Geothermal Heat Transfer Lab.
Science of Hydropower	Explore global use of hydropower in the Data Set.
Developing Media Literacy	Introduce media literacy fundamentals through researching energy topics.