

SCIENCE 5

**QUICK-START GUIDE
BRITISH COLUMBIA CURRICULUM**



Lessons and activities at a glance,
aligned to the BC Science 5 curriculum:
videos, labs, and hands-on projects.
Built to make energy real for your
students while saving you planning time.

FREE + EDITABLE

switchclassroom.org



SCIENCE 5

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Science Big Ideas:

- Earth materials change as they move through the rock cycle and can be used as natural resources.

Science Content:

- Local types of earth materials
- Everything in the environment is connected, and we have a responsibility to care for it
- The nature of sustainable practices around BC's resources

LESSON	ACTIVITY
Introduction to Natural Gas	Use the bell ringer and discuss vocab, review the data set as a group, then have students complete questions solo.
Science of Natural Gas	Explore natural gas properties in depth with the student lab.
Introduction to Hydropower	Assign student groups to complete the bell ringer and the Build a Waterwheel Activity.
Switch On Episode 4: Hydropower in Africa	Take a virtual trip to Ethiopia to learn about the Grand Ethiopian Renaissance Dam.
Science of Coal	As a class, explore coal's role as an energy source and its impacts with the Reading.
Developing Media Literacy	Introduce media literacy fundamentals through researching energy topics.