

GRADE 6 SCIENCE

**QUICK-START GUIDE
ALBERTA CURRICULUM**



Lessons and activities at a glance, aligned to the Alberta Grade 6 Science curriculum: videos, labs, and activities on how we choose and use energy. Built to make energy decisions real for your students while saving you planning time.

FREE + EDITABLE

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ALBERTA CURRICULUM

Organizing Idea Energy: Understandings of the physical world are deepened by investigating matter and energy.

Learning Outcome: Students investigate energy resources and explain factors that influence their use.

LESSON	ACTIVITY
Introduction to Energy Choices The Demand Curve Video	Investigate what shapes our energy decisions and why electricity needs vary with demand.
Introduction to Environmental Impacts	Explore the challenges and opportunities in reducing environmental impacts while meeting energy needs.
Switch, Chapter 2, Foundational Energies: Coal Science of Wind Science of Hydropower Science of Solar Introduction to Bioenergy Introduction to Nuclear	Learn what it takes to generate energy from a variety of sources.
Introduction to Efficiency	Explore why efficiency is the first step in managing personal energy use.
Energy Matchmaking Gallery Walk	Have students evaluate reasons to choose one energy source over another in the gallery walk.
Developing Media Literacy	Introduce students to the fundamentals of media literacy through the lens of researching energy topics.



See the full guide at switchclassroom.org