

GRADE 10 ACADEMIC SCIENCE

QUICK-START GUIDE
ONTARIO CURRICULUM • SNC2D



Lessons and activities at a glance,
aligned to the Ontario Grade 10
Academic Science curriculum. Built to
connect chemistry and climate change
for your students while saving you
planning time.

FREE + EDITABLE

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INDICATOR	LESSON	ACTIVITY
C1.2	Cleaning Up an Oil Spill: Investigative Lab Science of Oil Science of Coal	Evaluate different methods and materials for cleaning oil spills, review cleanup methods, and decide how to build and operate a coal-burning power plant with pollution controls.
C3.3 C3.5	Science of Natural Gas Science of Biofuels	Complete the extended reading on natural gas, then run the Fermentation and Biofuels Lab to observe yeast convert sugars into CO ₂ and ethanol.
D1.1	Introduction to Energy Choices Introduction to Environmental Impacts	Watch the videos and complete the hands-on activities to understand the impacts related to energy choices.
D1.2	National Energy Issues Debate	Research and debate a chosen policy relating to energy and/or climate.
D2.2	Investigating Passive Solar Heating Lab	Design and build a model to explore energy transfer and the difference between active and passive solar energy.
D2.1 D2.3 D2.9	Developing Media Literacy	Introduce students to the fundamentals of media literacy through the lens of researching climate change and energy topics.



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