

UPPER ELEMENTARY

QUICK-START GUIDE



Upper elementary science lessons and activities at a glance: hands-on labs, games, and videos with cloze notes. Built to make energy fun for your students while saving you planning time.

FREE + EDITABLE

switchclassroom.org



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LESSON	ACTIVITY
Introduction to Energy	Begin with a bell ringer, followed by the video and quiz. Assign the Energy Around Us activity to students.
Introduction to Electricity	Watch the video as a group, followed by the quiz. Complete the Play-Doh Electric Circuits Lab with students.
Understanding Energy Transformations	Assign student reading & challenge questions. Then, review the slide deck.
Introduction to Energy Storage	Begin with a bell ringer, introduce vocab, and complete the data set with students.
Introduction to Coal	Watch the video as a group and review vocab. Complete the Power Generation Simulation.
Introduction to Natural Gas	Use the bell ringer and discuss vocab, review data sets as a group, then have students complete questions solo. Optional exit ticket and hands-on activity.
Introduction to Oil	Open with the bell ringer, vocab, and data set. The Transportation Trade-Off activity makes an optional extension.
Introduction to Energy Choices	Begin with a bell ringer, then the video and cloze notes. Assign groups the Power Card Priorities activity.
Introduction to Environmental Impacts	Review vocabulary and watch the video. Assign student groups to play the Energy Impact Dice Game.
Saving Energy, Saving Water	Discuss water conservation, brainstorm ways to save, and develop a home conservation plan.
Developing Media Literacy	Introduce students to the fundamentals of media literacy through the lens of researching energy topics.



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