

Free/inexpensive Energy Curriculum and Lesson Plans from the National Energy Education Development (NEED) PROJECT

The mission of the National Energy Education Development (NEED) Project is to promote an energy conscious and educated society by creating effective networks of students, educators, business, government and community leaders to design and deliver objective, multi-sided energy education programs.

Energy Infobooks

The Energy Infobooks are the cornerstone of NEED programming, providing content information about each of the nation's energy resources, new technologies, and the use and conservation of energy.

Infobooks (small fee)

<https://the-need-project.myshopify.com/collections/energy-sources/products/energy-infobooks>

Lesson Plans to accompany Energy Infobooks (free)

<https://the-need-project.myshopify.com/collections/energy-sources/products/energy-infobook-activities>

Energy Kits

These kits provide the lab materials and lesson plans to provide students with hands-on activities on a variety of energy topics. (fee associated with kits)

<https://the-need-project.myshopify.com/search?type=product&q=energy+kit>

Here is a list of topics, if you would like to pull out individual lessons. Curriculum guides available for free download.

Primary (K-2)

[Energy Fair](#)

[Energy Live](#)

[Wonders of Magnets](#)

[NEED Songbook](#)

[Primary Energy Carnival](#)

[Energy Stories and More](#)

[Using and Saving Energy](#)

[Today in Energy](#)

[Talking Trash](#)

Elementary (3-5)

[ElectroWorks](#)

[Energy Carnival](#)
[Energy Conservation Contract](#)
[Energy Around the World](#)
[Energy Fair](#)
[Energy Flows](#)
[Energy House](#)
[Energy in the Balance](#)
[Energy Jeopardy](#)
[Energy Live](#)
[Energy Math Challenge](#)
[Energy on Public Lands](#)
[Energy on Stage](#)
[Excellent Energy Engineering](#)
[Exploring Ocean Energy and Resources](#)
[Interactive Energy Simulations](#)
[Wonders of Magnets](#)
[Global Trading Game](#)
[Mystery World Tour](#)
[NEED Songbook](#)
[Talking Trash](#)
[This Mine of Mine](#)
[Today in Energy](#)
[Transportation Fuels Enigma](#)
[Yesterday in Energy](#)

Intermediate (6-8)

[Current Energy Affair](#)
[ElectroWorks](#)
[Energy Around the World](#)
[Energy Carnival](#)
[Energy Enigma](#)
[Energy Flows](#)
[Energy House](#)
[Energy Jeopardy](#)
[Energy Live](#)
[Energy Math Challenge](#)
[Energy on Public Lands](#)
[Energy on Stage](#)
[Energy Source Expo](#)
[Excellent Energy Engineering](#)
[Exploring Ocean Energy and Resources](#)
[Fossil Fuels to Products](#)
[Global Trading Game](#)
[Great Energy Debate](#)
[Museum of Solid Waste and Energy](#)
[Mystery World Tour](#)

[Transparent Energy](#)
[Transportation Fuels Enigma](#)
[Transportation Fuels Debate](#)
[Yesterday in Energy](#)

Secondary (9-12)

[Blueprint for School Energy Teams](#)
[Current Energy Affair](#)
[Digital Energy](#)
[Energy Analysis](#)
[Energy Conservation Contract](#)
[Energy Expos](#)
[Energy Live](#)
[Excellent Energy Engineering](#)
[Exploring Climate Change](#)
[Exploring Coal](#)
[Exploring Hybrid Buses](#)
[Exploring Nuclear Energy](#)
[Exploring Ocean Energy and Resources](#)
[Energy Math Challenge](#)
[Fossil Fuels to Products](#)
[Plug Loads](#)
[School Energy Survey](#)
[Transportation Fuels Enigma](#)
[Transportation Fuels Debate](#)
[Yesterday in Energy](#)
[Wind for Schools](#)