



118 – Making a Campfire: Energy Choices

Description: This video uses the process of making a campfire on a cold morning as a means of exploring the pros and cons of wood as a "renewable" energy resource. Can be used for NEXT GENERATION SCIENCE STANDARD 4-ESS3-1

4-ESS3-1 Earth and Human Activity

Students who demonstrate understanding can: Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

<p>Science and Engineering Practices Obtaining, Evaluating, and Communicating Information Obtaining, evaluating, and communicating information in 3-5 builds on K-2 experiences and progresses to evaluate the merit and accuracy of ideas and methods. Obtain and combine information from books and other reliable media to explain phenomena.</p>	<p>Disciplinary Core Ideas ESS3.A: Natural Resources Energy and fuels that humans use are derived from natural sources, and their use affects the environment in multiple ways. Some resources are renewable over time, and others are not.</p>	<p>Crosscutting Concepts Cause and Effect Cause and effect relationships are routinely identified and used to explain change.</p>
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Question on video:

What kinds of fuels have replaced firewood?

Supplemental questions:

- What are the benefits and costs of today's forms of energy resources?
- What's a "renewable" resource?
- Give an example of a renewable resource.
- Give an example of a non-renewable resource.
- Besides firewood, what else do trees give us?
- Why don't we use wood as our main energy resource anymore?

Other related videos:

117 – Grocery Shopping...in the Woods?