

Energy Literacy: Essential Principles and Fundamental Concepts for Energy Education (DOE, 2012)

Gap and Thin Spot Analysis of the CLEAN Collection of Educational Resources

Energy Literacy Principle 3 (ELP3)

Biological processes depend on energy flow

Number of Resources in CLEAN Collection

● (#) Total Number of Resources
 (#) Middle School Some resources are relevant to multiple grade levels; therefore the total (#) is less than sum of (#), (#), (#).
 (#) High School
 (#) College

ELP 3.1 The Sun is a major source of energy for organisms and ecosystems	Activities (0) Videos ● (1) (0) (1) (1) Visualizations (0) Demos/Experiments (0)
	Total ● (1) (0) (1) (1)

ELP 3.2 Food is a biofuel	Activities (0) Videos ● (1) (0) (1) (1) Visualizations (0) Demos/Experiments (0)
	Total ● (1) (0) (1) (1)

ELP 3.3 Continual input of energy is needed	Activities (0) Videos (0) Visualizations (0) Demos/Experiments (0)
	Total (0)

ELP 3.4 Energy flows through food	Activities (0) Videos (0) Visualizations (0) Demos/Experiments (0)
	Total (0)

ELP 3.5 Ecosystems are affected by availability of energy	Activities (0) Videos (0) Visualizations ●●● (3) (2) (3) (1) Demos/Experiments (0)
	Total ●●● (3) (2) (3) (1)

ELP 3.6 Humans live within Earth's ecosystems	Activities ●●●● (4) (1) (3) (2) Videos ● (1) (1) (1) (0) Visualizations ● (1) (1) (1) (0) Demos/Experiments (0)
	Total ●●●●●● (6) (3) (5) (2)

ELP 3 Uncategorized	Activities ●●●● (4) (1) (3) (2) Videos ●● (2) (1) (2) (1) Visualizations ●●● (3) (2) (3) (1) Demos/Experiments (0)
	Total ●●●●●●●● (9) (4) (8) (4)

Total Number of Unique Resources for ELP 3	●●●●●●●●● (9)
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