Energy Literacy: Essential Principles and Fundamental Concepts for Energy Education (DOE, 2013)

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

Energy Literacy Principle 4 (ELP4)

Various sources of energy are used to power human activites.

Number of Resources in CLEAN Collection

- |(#) Total Number of Resources
- (#) Middle School
- (#) High School
- (#) College

Some resources are relevant to multiple grade levels; therefore the total (#) is less than sum of (#), (#), (#).

Principle	Resource type	Total Number of Resources	Middle School	High School	College
4.1 Humans Transfer Energy	Activities	(33)	(20)	(28)	(17)
	Videos	(37)	(35)	(33)	(19)
	Visualizations	(20)	(14)	(14)	(15)
	Demos/Experiments	(2)	(2)	(2)	(1)
	Total	(92)	(71)	(77)	(52)
4.2 Human Use of Energy	Activities	(5)	(4)	(4)	(3)
	Videos	(4)	(4)	(4)	(3)
	Visualizations	(3)	(2)	(3)	(2)
	Demos/Experiments	(1)	(0)	(1)	(1)
	Total	(13)	(10)	(12)	(9)
4.3 Fossil and Bio Fuels	Activities	(12)	(5)	(9)	(3)
	Videos	(17)	(15)	(15)	(7)
	Visualizations	(9)	(8)	(9)	(1)
	Demos/Experiments	(4)	(1)	(4)	(4)
	Total	(42)	(29)	(36)	(15)
4.4 Humans Transport Energy	Activities	(4)	(4)	(4)	(2)
	Videos	(3)	(3)	(3)	(0)
	Visualizations	(0)			
	Demos/Experiments	(0)			
	Total	(7)	(7)	(7)	(2)
4.5 Electricity Generation	Activities	(5)	(4)	(3)	(1)
	Videos	(8)	(7)	(8)	(4)
	Visualizations	(6)	(5)	(6)	(3)
	Demos/Experiments	(0)			
	Total	(19)	(16)	(17)	(8)
4.6 Humans Store Energy	Activities	(0)			
	Videos	(1)	(1)	(1)	(0)
	Visualizations	(1)	(1)	(1)	(0)
	Demos/Experiments	(0)			
	Total	(2)	(2)	(2)	(0)
4.7 Different Sources of Energy	Activities	(19)	(8)	(17)	(8)
	Videos	(23)	(20)	(23)	(13)
	Visualizations	(4)	(3)	(4)	(2)
	Demos/Experiments	(1)	(0)	(1)	(1)
	Total	(47)	(31)	(45)	(24)
4.0 Uncategorized	Activities	(0)	(0)	(0)	(0)
	Videos	(3)	(2)	(2)	(2)
	Visualizations	(3)	(2)	(3)	(2)
	Demos/Experiments	(0)	(0)	(0)	(0)
	Total	(6)	(4)	(5)	(4)

Total Number of Unique Resources for GP: (228)

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