

National Energy Foundation	Content Standard A	Content Standard B	Content Standard C
	NS.K-4.1 SCIENCE AS INQUIRY	NS.K-4.2 PHYSICAL SCIENCE	NS.K-4.3 LIFE SCIENCE
	a. Abilities necessary to do scientific inquiry	a. Properties of objects and materials	a. The characteristics of organisms
ENERGY FUN	b. Understanding about scientific inquiry	b. Position and motion of objects c. Light, heat, electricity, and magnetism	b. Organisms and environments
Stuffed Suns	a, b	c	a,b
Invention Convention	a, b	a, c	
A Bright Idea!	a, b	a, c	
Food Chains	a, b	c	a, b
Select a Site	a, b		b
Pass the Sack	a, b		
Hydrogen - Fuel of the Future	a, b	a, c	
Cool Colors	a, b	a, c	b

National Energy Foundation	Content Standard A	Content Standard B	Content Standard C
	NS.5-8.1 SCIENCE AS INQUIRY	NS.5-8.2 PHYSICAL SCIENCE	NS.5-8.3 LIFE SCIENCE
	a. Abilities necessary to do scientific inquiry	a. Properties & changes of properties in matter	a. Populations and Ecosystems
ENERGY FUNDAMENTALS	b. Understanding about scientific inquiry	b. Motions and forces c. Transfer of energy	
The Search for Energy	a, b	c	
A Bright Idea!	a, b	c	
Chip Mining	a, b	c	a
Pass the Sack	a, b		a
Controlling Consumption	a, b	c	
"Watts" the Difference?	a, b	a, c	
*Make Your Own Motor	a, b	b, c	
*Roller Coaster Energy	a, b	b, c	

*Activities are not included in the Fundamentals book but can be found at www.nef1.org/educators.html.

National Energy Foundation	Content Standard D	Content Standard E
	ENERGY FUN	NS.K-4.4 EARTH & SPACE SCIENCE
	a. Properties of earth materials	a. Abilities of technological design
	b. Objects in the sky	b. Understanding about science and technology
	c. Changes in the earth & sky	c. Abilities to distinguish between natural objects and objects made by humans
Stuffed Suns	b, c	c
Invention Convention		a,b,c
A Bright Idea!		b
Food Chains	b	c
Select a Site	a	a, b, c
Pass the Sack	a	b, c
Hydrogen - Fuel of the Future	a	b
Cool Colors		b

National Energy Foundation	Content Standard D	Content Standard E
	ENERGY FUNDAMENTALS	NS.5-8.4 EARTH & SPACE SCIENCE
	a. Earth in the solar system	a. Abilities of technological design
		b. Understandings about science and technology
The Search for Energy		
A Bright Idea!		
Chip Mining		
Pass the Sack		
Controlling Consumption		
"Watts" the Difference?		a, b
*Make Your Own Motor		a, b
*Roller Coaster Energy	a	a, b

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National Energy Foundation	Content Standard F	Content Standard G
	ENERGY FUN	NS.K-4.6 PERSONAL & SOCIAL PERSPECTIVES
	a. Characteristics and changes in populations	a. Science as a human endeavor
	b. Types of resources	
	c. Changes in environments	
	d. Science and technology in local challenges	
Stuffed Suns	b	
Invention Convention		a
A Bright Idea!		a
Food Chains	c	a
Select a Site	a, b, c, d	a
Pass the Sack	b, c, d	a
Hydrogen - Fuel of the Future	b, d	a
Cool Colors	c, d	a

National Energy Foundation	Content Standard F	Content Standard G
	ENERGY FUNDAMENTALS	NS.5-8.6 PERSONAL & SOCIAL PERSPECTIVES
	a. Populations, resources, and environments	a. Science as a human endeavor
	b. Natural hazards	b. Nature of science
	c. Risks and benefits	
	d. Science and technology in society	
The Search for Energy	a, c, d	a, b
A Bright Idea!	d	b
Chip Mining	a, b, c, d	b
Pass the Sack	a, c, d	b
Controlling Consumption	c, d	b
"Watts" the Difference?	a, c, d	a, b
*Make Your Own Motor	d	a, b
*Roller Coaster Energy	d	a, b

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