

THINK! ENERGY Student Guide		Science						Mathematics			Social Studies	
		Science and Technology				Environment and Ecology		Number & Operations			Economics	
Pennsylvania State Academic Standards Grades 5-7		Unifying Themes	Inquiry and Design	Biological Sciences	Physical Science, Chemistry and Physics	Technology	Renewable and Nonrenewable Resources	Multiplying, Dividing, Decimal, Accuracy, Measurements			The Availability and Use of Scarce Resources	
								grade 5	grade 6	grade 7	grades 5-6	grade 7
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Energy Scavenger Hunt	2				3.4.7. B & C							
Where Does Energy Come From?	3				3.4.7. B & C							
How Do We Produce and Use Energy?	5				3.4.7. B & C		4.2.7.D				6.3.6.B	6.3.9.B
Energy Efficiency - Heating and Cooling	7	3.1.7.	3.2.7. B & D	3.3.7.D			4.2.7.B				6.3.6.B	6.3.9.B
Energy Efficiency - Lighting	8	3.1.7.	3.2.7. B & D	3.3.7.D			4.2.7.B	NBT. 5 & 7	NS. 2 & 3	NS.3	6.3.6.B	6.3.9.B
Energy Efficiency -Water and Electronics	10-17	3.1.7.	3.2.7. B & D	3.3.7.D		3.6.7.A, 3.7.7.A & B	4.2.7. B & D	NBT. 5 & 7	NS. 2 & 3	NS.3	6.3.6.B	6.3.9.B
Total Savings Chart	18	3.1.7.	3.2.7. B & D	3.3.7.D			4.2.7.B	NBT. 5 & 7	NS. 2 & 3	NS.3	6.3.6.B	6.3.9.B