

**KEEP Energy Education Activity Guide:  
Wisconsin Standards for Environmental Literacy & Sustainability**

The activities in this guide address the following Wisconsin Standards for Environmental Literacy & Sustainability which provide a foundational framework that identifies what students should know and be able to do in environmental education. These standards take an interdisciplinary approach to integrating environmental education into multiple subject areas.

Activity (in order of placement in the guide)	Connect	Explore	Engage
Advertising Energy		EX3.A.i, EX3.A.m, EX4.B.m	EN6.C.m
At Watt Rate?	C1.A.i, C1.A.m	EX2.A.i, EX4.B.e	EN6.A.i, EN6.A.e
Careers in Energy		EX4.B.i, EX4.B.m	EN6.C.e
Circuit Circus		EX2.A.e, EX2.A.i, EX2.A.m, EX4.A.i	
Classroom Energy Flow		EX4.A.i, EX4.B.e	EN6.A.i, EN6.C.e
Community Energy Use	C1.B.m	EX4.B.i, EX4.B.m	EX4.B.i, EX4.B.m
The Cost of Using Energy	C1.A.m	EX4.B.e	EN6.A.e, EN6.A.i
Dealing with Nuclear Waste	C1.A.i, C1.A.m, C1.A.h	EX2.A.i, EX2.A.m, EX2.A.h, EX2.C.e, EX4.A.i, EX4.A.m, EX4.B.i, EX4.B.m, EX4.B.h, EX5.A.h	EN6.A.i, EN6.A.m, EN7.A.h
Digging for Coal	C1.A.i, C1.A.m	EX2.A.i, EX2.A.m, EX2.C.e, EX2.C.i, EX3.B.i, EX4.A.i, EX4.B.i, EX5.C.e	EN6.C.i
Diminishing Returns	C1.A.m	EX2.A.i, EX2.A.m, EX2.C.e, EX3.B.i, EX3.B.m, EX4.A.i, EX4.A.m, EX4.B.i, EX4.B.m, EX5.C.i	EN6,C,i
The Dirty Half Dozen	C1.A.i, C1.A.m	EX2.A.i, EX2.C.e, EX3.B.m, EX4.A.i, EX4.A.m, EX5A.e	EN6.A.e, EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.i, EN6.C.i
Don't Throw Energy Away	C1.A.i, C1.A.m, C1.B.i	EX2.A.i, EX2.C.i, EX4.A.i, EX4.B.i, EX4.B.m, EX5.C.e, EX5.C.i,	EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.i, En6.B.m, En6.C.i, EN6.C.m,EN7.A.i
Driving Reasons	C1.A.i, C1A.m	EX2.C.e, EX3.B.m, EX4.B.e, Ex4.B.i, Ex5.A.e, Ex5.C.e, EX5.C.i, EX5.C.m, EX5.C.h	EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.i, EN6.B.m, EN6.C.i
Electric Charades	C1.A.m, C1.B.i	EX2.A.e, EX2.A.i, EX2.A.m, EX4.A.i	



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Energy Action Plan	C1.A.m, C1.A.h, C1.B.h	EX2.A.i, EX2.A.m, EX2.A.h, EX2.C.h, EX3.B.h, EX5.A.m, EX5.A.h, EN6.B.m, EN6.B.h, EN7.A.i, EN7.A.m	EN7.A.h, EN7.B.i, EN7.B.m, EN7.B.h, EN7.C.i, EN7.C.m, EN7.C.h
Energy Debate	C1.A.i, C1.A.m, C1.A.h, C1.B.i	EX2.A.i, EX2.A.m, EX2.C.e, EX2.C.i, EX2.C.m, EX3.A.e, EX3.A.i, EX3.A.m, EX4.A.i, EX5.A.e, EX5.A.i, EX5.A.m, EX5.C.i, EX5.C.m	EN6.A.e, EN6.A.i, EN6.A.m, EN6.B.m, EN6.C.i, EN6.C.m, EN7.B.i
Energy Divide	C1.A.m	EX2.A.i, EX2.A.m, EX2.C.e, EX2.C.i, EX2.C.m, EX3.A.e, EX4.A.i, EX4.B.i, EX5.A.e, EX5.C.e, EX5.C.i	EN6.A.e, EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.m, EN6.C.i
Energy from Food	C1.A.i, C1.B.e	EX2.A.e, EX2.A.i, EX4.A.e, EX4.A.i	EN6.A.e, EN6.A.i
Energy Futures	C1.A.m, C1.B.m, C1.B.h	EX2.A.i, EX2.A.m, EX2.A.h, EX2.C.e, EX2.C.i, EX3.A.i, EX3.A.m, EX4.B.i, EX5.A.e, EX5.A.m	EN6.A.e, EN6.A.i, EN6.A.m
Energy Investigations	C1.B.i, C1.B.m, C1.B.h	EX2.A.i, EX2.A.m, EX2.A.h, EX2.B.m, EX2.C.e, EX2.C.i, EX2.C.m, EX2.C.h, EX3.A.e, EX3.A.i, EX3.A.m, EX3.A.h, EX3.B.m, EX3.B.h, EX3.C.i, EX3.C.m, EX3.C.h, EX4.B.i, EX4.B.m, EX4.B.h, EX5.A.i, EX5.A.m, EX5.A.h, EX5.C.i, EX5.C.m, EX5.C.h	EN6.A.e, EN6.A.i, EN6.A.m, EN6.A.h, EN6.B.i, EN6.B.m, EN6.B.h, EN6.C.i, EN6.C.m
Energy Prices and the Laws of Supply and Demand	C1.A.m, C1.B.m, C1.B.h	EX2.A.h, EX2.C.i, EX2.C.m, EX2.C.h, EX4.B.m, EX4.B.h, EX5.A.m, EX5.C.m, EX5.C.h	EN6.A.m, EN6.A.h, EN6, B.m, EN6.C.m
Energy Story		EX2.A.i, EX2.C.e, EX3.B.m, EX4.A.i, EX4.A.m, EX5.B.i	EN6.A.i, EN6.B.e
Energy Use in an Ecosystem	C1.B.e, C1.C.e, C1.C.i, C1.C.m	EX2.A.e, EX2.A.i, EX2.B.e, EX2.B.i, EX2.B.m, EX3.B.e, EX3.B.i, EX4.A.i, EX5.B.e, EX5.B.i	EN6.A.i



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Energy Use Then and Now	C1.A.i, C1.A.m, C1.B.i	EX2.A.i, EX2.C.e, EX2.C.i, EX2.C.m, EX3.A.e, EX3.A.i, EX3.A.m, EX3.C.e, EX3.C.i, EX3.C.m, EX5.C.e, EX5.C.i, EX5.C.m	EN6.A.e, EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.i, EN6.B.m, EN6.C.i
Evidence of Energy	C1.A.i, C1.B.e, C1.C.i	EX2.A.e, EX4.A.e, EX4.A.i	
Exploring Heat	C1.A.i, C1.C.e, C1.C.i	EX2.A.i, EX4.A.e, EX4.A.i	EN6.A.i
Food Chain Game		EX2.A.e, EX2.A.i, EX2.B.e, EX2.B.i, EX3.B.e, EX3.B.i, EX4.A.e, EX4.A.i, EX5.B.e, EX5.B.i	
Fuel That Power Plant	C1.A.i, C1.B.i, C1.B.m	EX2.A.i, EX2.A.m, EX2.C.e, EX2.C.i, EX4.A.i, EX4.B.e, EX4.B.i, EX4.B.m, EX5.C.i, EX5.C.m	EN6.A.i, EN6.A.m, EN6.C.e, EN6.C.i, EN7.B.i
Fueling Around	C1.A.i, C1.B.i	EX2.A.i, EX2.A.m, EX4.A.i	
Get That Gasoline	C1.A.i, C1.A.m	EX2.A.i, EX2.C.e, EX2.C.m, EX4.B.e, EX4.B.i, EX4.B.m, EX5.A.e, EX5.C.e	EN6.A.e, EN6.A.i, EN6.B.e, EN6.C.e, EN6.C.i
Harnessing Nuclear Energy	C1.A.m	EX2.A.i, EX2.A.m, EX2.A.h, EX4.A.i, EX4.A.m, EX4.A.h, EX4.B.i, EX4.B.m, EX4.B.h	EN6.A.i, EN6.A.m, EN6.A.h, EN6.C.i
The Miracle of Solar Cells	C1.A.m	EX2.A.i, EX2.A.m, EX4.A.i, EX4.A.m, EX4.B.i, EX4.B.m, EX4.B.h, EX5.C.h	EN6.A.i, EN6.A.m, EN6.A.h, EN6.C.i, EN6.C.m
People Power	C1.A.i, C1.D.m	EX4.A.i	
Potentially Kinetic	C1.A.e, C1.A.i, C1.A.m	EX2.A.e, EX2.A.i, EX4.A.i	EN6.A.i
Puzzling Wisconsin's Biological Communities	C1.B.i, C1.B.m	EX2.A.i, EX2.A.m, EX2.B.m, EX2.C.i, EX2.C.m, EX3.B.e, EX3.B.i, EX3.B.m, EX3.B.h, EX3.C.i, EX3.C.m, EX4.A.i, EX5.B.e, EX5.B.i, EX5.B.m, EX5.B.h, EX5.C.e, EX5.C.i, EX5.C.m, EX5.C.h	EN6.A.e, EN6.A.i, EN6.A.m, EN6.A.h, EN6.B.i, EN6.B.m, EN6.B.h, EN6.C.m



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Reading Utility Bills		EX2.A.e, EX2.A.i, EX2.C.e, EX4.A.i, EX4.B.e	EN6.A.e, EN6.A.i, EN6.B.i
Reading Utility Meters		EX2.A.e, EX2.A.i, EX2.C.e, EX4.A.i, EX4.B.e	EN6.A.e, EN6.A.i, EN6.B.i
Roasted Vittles/Peanuts	C1.A.i, C1.A.m, C1.B.i	EX2.A.m, EX2.B.m, EX4.A.e, EX4.A.i, EX4.A.m, EX4.A.h	
Shoebox Solar Cooker	C1.A.i, C1.A.m, C1.C.m	EX4.A.i	EN6.C.i
So You Want to Heat Your Home?	C1.A.m, C1.B.i, C1.B.m	EX2.A.i, EX2.C.i, EX3.B.m, EX4.A.i, EX4.B.m	EN6.A.i, EN6.C.i
Station Break	C1.A.1	EX2.A.e, EX2.A.i, EX4.A.i, EX4.B.e, EX5.A.e	
Sun, Wind, Water	C1.A.e, C1.A.i, C1.B.e, C1.C.e	EX2.A.e, EX2.A.i, EX2.A.m, EX4.A.e, EX4.A.i, EX5.B.e	
Taking Temperatures	C1.A.e, C1.A.i, C1.C.e, C1.C.i	EX2.A.e, EX3.B.e, EX5.B.e	
Viewpoints	C1.A.i, C1.A.m, C1.A.h, C1.B.h	EX2.A.i, EX2.A.m, EX2.A.h, EX2.C.m, EX2.C.h, EX3.A.m, EX3.A.h, EX3.B.m, EX3.B.h, EX3.C.m, EX3.C.h, EX5.A.m, EX5.A.h, EX5.C.h	EN6.A.i, EN6.A.m, EN6.B.m, EN6.B.h, EN7.A.m, EN7.A.h
Waterwheels, Windmills, and Turbines	C1.C.e	EX2.A.e, EX2.A.i, EX4.B.i, EX5.C.e	EN6.C.e,4
Where Does It Get Its Energy?	C1.A.e, C1.A.i, C1.B.e, C1.C.i	EX2.A.e, EX2.A.i, EX2.B.i, EX4.A.e, EX4.A.i, EX4.B.e	EN6.A.i
Why Use Renewable Energy	C1.A.m, C1.C.m	EX2.C.i, EX3.A.i, EX4.A.i, EX4.B.e, EX4.B.i, EX4.B.m, EX5.A.e, EX5.A.i, EX5.A.m, EX5.C.e, EX5.C.m	EN6.A.e, EN6.A.i, EN6.A.m, EN6.B.e, EN6.B.i, EN6.B.m, EN6.C.e, EN6.C.i, EN6.C.m, EN7.A.i, EN7.A.m

