

Wisconsin K-12 Energy Education Program (KEEP)

Energy Education Activity Guide Standards Correlations

Common Core & Next Generation Science Standards

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Advertising Energy 5-8	RI.6.8, RI.6-8.1, SL.6-8.1			MS-ESS3-4	Engaging in Argument from Evidence	ESS3.C: Human Impacts on Earth Systems	Cause and Effect
At Watt Rate? 5-8, (9-12)	W.6.7, W.6-8.2	MP1, MP4, MP5, MP6, MP7	1.MD.3, 1.NBT.4, 2.MD.7, 2.NBT.1, 2.NBT.3, 2.NBT.5, 2.NBT.7, 3.NBT.2, 3.NBT.3, 4.NBT.4, 4.NBT.6, 5.NBT.3, 5.NBT.5, 5.NBT.6, 6.NS.2, 6.NS.3, 6.RP.3	5-ESS3-1	Obtaining, Evaluating, and Communicating Information	ESS3.C: Human Impacts on Earth Systems	Systems and System Models
Careers in Energy 9-12	RST.9-12.1, W.9-12.7, W.9-12.8, WHST.9-12.4, WHST.9-12.6						
Circuit Circus 5-8 (K-4)	RI.3.7, RI.6.4, SL.6-8.1	MP1, MP2, MP4	4.G.1, 4.G.2, 6.NS.5	4-PS3-2	Planning and Carrying Out Investigations	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Energy and Matter



Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Classroom Energy Flow K-4	L.K-5.4, L.4.6, L.5.6, RI.K-5.4, RI.2-4.3, RL.K.4, RL.3.4, RL.4.4			4-PS3-2	Planning and Carrying Out Investigations	PS3.A: Definitions of Energy	Energy and Matter
Community Energy Use 5-8, (9-12)	SL.6-8.1, SL.6-8.4	MP1, MP3, MP6, MP7	3.NBT.2, 4.MD.4, 6.RP.3c				
Dealing with Nuclear Waste 5-8, (9-12)	RI.5.9, SL.6-8.1, SL.6-8.4, W.6-8.1.a, W.6-8.1.b	MP1, MP2, MP4, MP5, MP6, MP7	1.MD.4, 1.OA.1, 1.OA.2, 2.MD.10, 2.NBT.1, 2.NBT.3, 2.OA.1, 3.MD.3, 3.OA.8, 4.OA.2, 4.OA.3, 5.NBT.3	MS-PS1-4, MS-PS1-2	Analyzing and Interpreting Data, Developing and Using Models	PS1.A: Structure and Properties of Matter, PS1.B: Chemical Reactions	Cause and Effect, Patterns
Digging for Coal K-4	RI.1.6, RI.2-4.3, RI.3-4.7, RI.3.5, RL.K.9, SL.K-2.1, SL.K-5.3, SL.1.6, SL.3-5.4, W.K-5.2, W.2.8	MP3, MP4, MP5	K.CC3, K.CC4a, K.CC4b, K.CC4c, K.CC5	K-ESS3-3, 3-LS4-1, 4-ESS1-1, 4-ESS3-1	Analyzing and Interpreting Data, Constructing Explanations and Designing Solutions, Obtaining, Evaluating, and Communicating	ESS1.C: The History of Planet Earth, ESS3.A: Natural Resources, ESSC.C: Human Impacts on Earth Systems, LS4.A: Evidence of Common Ancestry and Diversity	Cause and Effect, Proportion, Quantity, Scale

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Diminishing Returns 5-8	RI.6.7, SL.6-8.1, SL.6.2, W.6-8.2	MP1, MP4, MP6, MP7, MP8	2.NBT.1, 2.NBT.3, 3.NBT.3, 4.NBT.6, 5.NBT.5, 5.NBT.6, 6.NS.2, 6.NS.3, 6.RP.3	4-PS3-4, HS-PS3-3, HS-PS3-4	Constructing Explanations and Designing, Planning and Carrying Out Investigations Solutions	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Energy and Matter, Systems and System Models
Don't Throw Energy Away 5-8 (9-12)	SL.6-8.1, SL.6.4, W.6-8.2, W.6.7	MP1, MP2, MP3, MP6	5.MD.1, 5.MD.2, 6.RP.3	MS-ESS3-3, HS-ESS3-2	Constructing Explanations and Designing Solutions, Engaging in Argument from Evidence	ESS3.A: Natural Resources, ESS3.C: Human Impacts on Earth Systems	Cause and Effect, Influence of Engineering, Technology, and Science on Society and the Natural World
Driving Reasons 9-12	SL.9-12.1, W.9-12.2	MP1, MP2, MP3, MP5, MP6	HSN.Q.1, HSN.Q.2, HSN.Q.3	MS-ESS3-3, HS-ESS3-4	Constructing Explanations and Designing Solutions	ESS3.C: Human Impacts on Earth Systems	Cause and Effect, Stability and Change
Electric Charades K-4	L.3-5.3, L.4-5.4, L.4-5.6, RI.K-5.4, RI.2-4.3, RI.3-4.7, RL.K.4, RL.3-4.4, SL.K-2.1, SL.K.2, SL.K.3, SL.K-1.5, SL.K-1.6, SL.1.6, SL.3-5.3, W.K.2, W.K.3			4-PS3-2	Planning and Carrying Out Investigations	PS3.A: Definitions of Energy	Energy and Matter

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Electric Motors and Generations 5-8 (9-12)	SL.6-8.1			3-5-ETS1-1, 4-PS3-4	Asking Questions and Defining Problems, Constructing Explanations and Designing Solutions	ETS1.A: Defining and Delimiting Engineering Problems, PS3.D: Energy in Chemical Processes and Everyday Life	Energy and Matter, Influence of Science, Engineering, and Technology on Society and the Natural World, Science is a Human Endeavor
Energy Action Plan 9-12, (6-8)	SL.9-12.1, W.9-12.7	MP2, MP3	6.SP.5	HS-ESS3-4	Constructing Explanations and Designing Solutions	ESS3.C: Human Impacts on Earth Systems	Stability and Change
Energy Debate 6-8	SL.6-8.4, W.6.1a, W.6.1b, W.6.7	MP3	5.MD.2	4-ESS3-1, MS-ESS3-4	Engaging in Argument from Evidence, Obtaining, Evaluating, and Communicating Information	ESS3.A: Natural Resources, ESS3.C: Human Impacts on Earth Systems	Cause and Effect

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Energy Divide 5-8	SL.6-8.1, SL.6.2	MP2, MP3	5.MD.2, 6.SP.5	4-ESS3-1, MS-ESS3-1, MS-ESS3-4	Constructing Explanations and Designing Solutions, Engaging in Argument from Evidence, Obtaining, Evaluating, and Communicating Information	ESS3.A: Natural Resources, ESS3.C: Human Impacts on Earth Systems	Cause and Effect
Energy from Food K-4	L.K-4.4, L.3-5.3, L.4.6, L.5.4, L.5.6, RI.K-4.4, RI.1.6, RI.2.7, RI.2-4.3, RI.2.10, RI.3.5, RI.3-4.7, RI.5.1, RI.5.10, RL.K.4, RL.1.1, RL.2.4, RL.3.1, RL.3-4.4, RL.4.1, RL.5.1, SL.K.2, SL.K-2.3, SL.K-1.6, W.K-5.3, W.K-1.5, W.3-5.7	MP6, MP8	K.CC1, K.CC.6, 3.NF.1, 3.OA.3	K-LS1-1, 4-LS1-1	Analyzing and Interpreting Data, Connections to Nature of Science, Engaging in Argument from Evidence	LS1.A: Structure and Function, LS1.C: Organization for Matter and Energy Flow in Organisms	Patterns, Systems and System Models
Energy Futures 9-12 (5-8)	RI.9-10.8, SL.9-10.1, SL.9-10.4, W.9-10.2.b	MP2, MP3	5.MD.2, 6.SP.5, 8.SP	HS-ESS3-3, HS-ESS3-6	Using Mathematics and Computational Thinking	ESS3.C: Human Impacts on Earth System, ESS3.D: Global Climate Change	Stability and Change, Systems and System Models

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Energy Investigations 9-12, (5-8)	SL.9-10.1c, W.9-12.2, W.9-12.7			HS-ESS3-1	Constructing Explanations and Designing Solutions	ESS3.A: Natural Resources, ESS3.B: Natural Hazards	Cause and Effect
Energy Prices and the Laws of Supply and Demand 9-12	RST.9-12.3, RST.9-12.4, RST.9-12.5, WHST.9-12.4	MP2, MP4, MP6	A.CED.2, A.REI.10, A.REI.11, F.BF.1, F.IF.1, F.IF.2, F.IF.4, F.IF.5, F.IF.6, F.IF.7, F.LE.1, F.LE.2, N-Q.1	HS-ESS3-2	Engaging in Argument from Evidence	ESS3.A: Natural Resources	Influence of Science, Engineering, and Technology on Society and the Natural World
Energy Story 5-8, (9-12)	SL.6.4, SL.6-8.1, W.6.7, W.6-8.2, W.6-8.4, W.6-8.5			HS-PS3-1, HS-PS3-4	Planning and Carrying Out Investigations, Using Mathematics and Computational Thinking	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Systems and System Models

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Energy Use in an Ecosystem 5-8	CCR.6-12.10, W.6-8.2a, W.6-8.2b, WHST.6-12.10	MP1, MP2, MP3, MP5, MP5, MP6, MP7, MP8	5.MD.1, 5.MD.2, 5.NBT.4, 7.SP.1	5-LS1-1, 5-PS3-1, MS-LS1-6, MS-LS2-1, MS-LS2-3	Analyzing and Interpreting Data, Constructing Explanations and Designing Solutions, Developing and Using Models, Engaging in Argument from Evidence	LS1.C: Organization for Matter and Energy Flow in Organisms, LS2.A: Interdependent Relationships in Ecosystems, LS2.B: Cycle of Matter and Energy Transfer in Ecosystems, PS3.D: Energy in Chemical Processes and Everyday Life	Energy and Matter
Energy Use Then and Now 5-8	RH.1						
Evidence of Energy K-4	L.K-4.4, L.3-5.3, L.4-5.6, RI.K-5.4, RL.K.4, RL.3-4.4, SL.K-2.1, SL.K.2, SL.K-5.3, SL.K-5.6, SL.3-5.4, W.K-5.2, W.K.3			1-PS4-1, 4-PS3-2	Constructing Explanations and Designing Solutions, Planning and Carrying Out Investigations	PS3.A: Definitions of Energy, PS4.C: Information Technologies and Instrumentation	Energy and Matter, Influence of Engineering, Technology, and Science, on Society and the Natural World

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Exploring Heat K-4	L.K-5.4, L.4.6, L.5.6, RI.K-5.4, RI.1.6, RI.2-4.3, RI.3.5, RI.3.7, RI.4.7, RI.5.8, RL.K.4, RL.4.4, W.K-1.5, W.2-5.7			4-PS3-2	Planning and Carrying Out Investigations	PS3.A Definitions of Energy, PS3.B Conservation of Energy and Energy Transfer	Energy and Matter
Food Chain Game 5-8	RL.6-8.4	MP1, MP2, MP3, MP7	6.RP.1	5-PS3-1, 5-LS2-1, MS-LS1-6, MS-LS2-1, MS-LS2-3	Analyzing and Interpreting Data, Constructing Explanations and Designing Solutions, Developing and Using Models	LS1.C: Organization for Matter and Energy Flow in Organisms, LS2.A: Interdependent Relationships in Ecosystems, LS2.B: Cycle of Matter and Energy Transfer in Ecosystems, PS3.D: Energy in Chemical Processes and Everyday Life	Cause and Effect, Energy and Matter
Fuel that Power Plant 5-8	RST.6-8.7		4.NBT.2, 5.NBT.3b				

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Fueling Around K-4	L.K-4.4, L.4-5.6, RI.K-5.4, RL.K.4., RL.1.6, RL.2-4.3, RL.2.7, RL.3-4.4, SL.K-1.2, SL.K-3.3, SL.K-1.5, SL.K-3.6, SL.3-5.4, W.K-2.3						
Get that Gasoline 5-8	SL.6-8.1, SL.6-8.4		3.NF.1	MS- PS3-2, MS-PS3-5	Developing and Using Models, Engaging in Argument from Evidence	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Energy and Matter, Systems and System Models
Harnessing Nuclear Energy 5-8 (9-12)	RST.6-12.1, RST.6-12.4, RST.6-12.9	MP1, MP5, MP6, MP7	3.MD.2, 3.NBT.2, 4.NBT.4, 4.NBT.5, 5.NBT.5, 5.NBT.7, 5.NF.3, 5.NF.4a, 6.NS.5, 6.RP.3c, 6.EE.1, 8.EE.1, A-SSE.1a	MS- PS3-2, MS-PS1-3,	Developing and Using Models	PS1.A: Structure and Properties of Matter, PS1.B: Chemical Reactions, PS3.A: Definitions of Energy	Structure and Function, Systems and System Models

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
People Power 5-8 (9-12)	RST.6-12.4		2.MD.1, 3.NBT.3, 3.OA.7, 4.MD.1, 5.MD.1, 5.NBT.7, 5.NF.3	HS-PS3-1		PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Systems and System Models
Potentially Kinetic (K-4) 5-8	RST.6-8.4	MP1	6.NS.5	MS- PS3-1, MS- PS3-2, MS-PS3-5			
Puzzling Wisconsin's Biological Communities 9-12	SL.9-12.1, SL.9-12.4	MP7		HS-LS2-4	Using Mathematics and Computational Thinking	LS2.B: Cycles of Matter and Energy Transfer in Ecosystems	Energy and Matter
Reading Utility Bills 5-8	RI.6-8.1	MP1, MP5, MP6	2.MD.8, 3.NBT.2, 4.NBT.4, 5.NBT.7, 5.MD.3a	HS-PS3-1	Using Mathematics and Computational Thinking	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Systems and System Models
Reading Utility Meters 5-8 (9-12)	RST.6-8.1	MP2, MP5, MP6, MP7	K.CC.6, 1.MD.3, 3.MD.3, 3.NBT.3, 4.NBT.4, 5.MD.3a, 5.MD.4	HS-PS3-1	Using Mathematics and Computational Thinking	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Systems and System Models

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Roasted Peanuts 5-8	RST.6-8.9	MP1, MP5, MP6	3.MD.2, 3.NBT.2, 4.NBT.4, 4.NBT.5, 5.NBT.5, 5.NBT.7, 5.NF.3, 5.NF.4a, 6.EE.1, 8.EE.1, 8.EE.2	HS-LS1-7, HS-PS3-1	Developing and Using Models, Using Mathematics and Computational Thinking	LS1.C: Organization for Matter and Energy Flow in Organisms, PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Energy and Matter, Systems and System Models
Shoebox Solar Cooker 5-8 (K-4)	RST.6-8.7	MP5, MP6	1.MD.3, 2.MD.1, 2.MD.3	MS-ETS1-1, MS-ETS1-2, MS-ETS1-3, MS-ETS1-4, MS-PS3-3, MS-PS3-2, MS-PS3-5	Analyzing and Interpreting Data, Asking questions and Defining Problems, Constructing Explanations and Designing Solutions, Developing and Using Models, Engaging in Argument from Evidence	ETS1.A: Defining and Delimiting Engineering Problems, ETS1.B: Developing Possible Solutions, ETS1.C: Optimizing the Design Solution, PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Energy and Matter, Influence of STEM on Society and the Natural World, Systems and System Models

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
So You Want to Heat Your Home 5-8 (9-12)	RST.6-8.7	MP1, MP6	2.MD.8, 3.NBT.2, 3.OA.7, 4.NBT.4, 5.NBT.7	HS-PS3-1	Using Mathematics and Computational Thinking	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer	Systems and System Models
Station Break 5-8	RH.6-8.4	MP1, MP4	3.NF.1	MS- PS3-2, MS-PS3-5	Developing and Using Models, Engaging in Argument from Evidence	PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer, PS3.C: Relationship Between Energy and Forces	Systems and System Models, Energy and Matter

<p>Sun, Wind, Water K-4</p>	<p>L.K-5.4, L.K-2.5, L.4-5.6, RI.1.1, RL.K.4, RL.K-5.4, RL.K.9, RL.K.10, RL.2-4.3, RL.2-4.7, RL.3-4.1, RL.3-4.4, RL.3.5, RL.4.2, RL.4-5.7, RL.5.8, SL.K-2.1, SL.K-4.3, SL.K.5, SL.K-5.6, SL.3-5.4, W.K-5.2, W.K.3, W.K-1.5, W.K-2.8, W.3-5.7</p>			<p>K-PS3-1</p>	<p>Planning and Carrying Out Investigations</p>	<p>PS3.B: Conservation of Energy and Energy Transfer</p>	<p>Cause and Effect</p>
<p>Taking Temperatures K-4</p>	<p>L.K-5.4, L.3-5.3, L.4-5.6, RI.K-5.4, RI.2.2, RI.2-4.3, RI.2-5.10, RI.3.1, RI.3.5, RI.3-4.7, RI.5.1, RL.K.4, RL.3-5.1, RL.3-4.4, SL.K-2.1, SL.K-1.2, SL.K-5.3, SL.K-1.6</p>	<p>MP5</p>		<p>K-ESS3-2, 3-ESS2-1</p>	<p>Analyzing and Interpreting Data, Obtaining, Evaluating, and Communicating Information</p>	<p>ESS2.D: Weather and Climate, ETS1.A: Defining and Delimiting an Engineering Problem</p>	<p>Cause and Effect, Patterns</p>

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
The Cost of Using Energy 5-8 (9-12)	W.6.7	MP1, MP4, MP6, MP7	1.NBT.3, 1.NBT.4, 2.NBT.1, 2.NBT.3, 2.NBT.4, 2.NBT.5, 2.NBT.7, 3.NBT.2, 3.NBT.3, 4.NBT.2, 4.NBT.4, 4.NBT.6, 5.NBT.3, 5.NBT.5, 5.NBT.6, 5.NBT.7, 6.NS.2, 6.NS.3	HS-ESS3-3	Using Mathematics and Computational Thinking	ESS3.C: Human Impacts on Earth Systems	Stability and Change
The Dirty Half Dozen 5-8	RI.6.7, SL.6-8.1, SL.6.2	MP1, MP4, MP6, MP7	5NBT.3, 6.RP.3C	4-ESS3-1, MS-ESS3-3	Constructing Explanations and Designing Solutions, Obtaining, Evaluating, and Communicating Information	ESS3.A: Natural Resources, ESS3.C: Human Impacts on Earth Systems	Cause and Effect
The Miracle of Solar Cells 9-12 (5-8)	RST.9-12.4, RST.9-12.9			HS-PS3-1	Using Mathematics and Computational Thinking	PS3.A: Definitions of Energy	Systems and System Models
Viewpoints 9-12 (5-8)	RST.9-12.1	MP1, MP2, MP3, MP7	4.MD.4, 5NBT.3a	MS-ESS3-5	Asking Questions and Defining Problems	ESS3.D: Global Climate Change	Stability and Change

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Waterwheels, Windmills, and Turbines K-4 (5-8)	L.K-5.4, L.3-5.3, L.4-5.6, RI.K-5.4, RI.1.1, RI.2.2, RI.2-4.3, RI.2-5.10, RI.3.1, RI.3.5, RI.3-4.7, RI.5.1, RL.K.4, RL.K.10, RL.1.1, RL.3-5.1, RL.2-4.4, RL.4.7, RL.5.7, SL.K-2.1, SL.K.2, SL.K-2.3, SL.K-1.6, SL.2-5.2, W.K-1.5, W.3-5.7			K-PS2-1, K-PS2-2, K-2-ETS1-2, K2-ETS1-3, 2-PS1-2, 3-PS2-2, 4-ESS3-1, 4-PS3-1, 4-PS3-3, 4PS3-4	Analyzing and Interpreting Data, Asking Questions and Defining Problems, Constructing Explanations and Designing Solutions, Developing and Using Models, Planning and Carrying Out Investigations, Obtaining, Evaluating, and Communicating Information	ESS3.A: Natural Resources, ETS1.B: Developing Possible Solutions, ETS1.C: Optimizing the Design Solution, PS1.A: Structure and Properties of Matter, PS2.A: Forces and Motion, PS2.B: Types of Interactions, PS3.A: Definitions of Energy, PS3.B: Conservation of Energy and Energy Transfer, PS3.C: Relationship Between Energy and Forces	Cause and Effect, Energy and Matter, Influence of Science, Engineering and Technology on Society and the Natural World, Interdependence of Science, Engineering, and Technology, Structure and Function, Patterns, Science is a Human Endeavor

Activity	CC ELA	CC Math		NGSS			
		Practice Std.	Content Std.	Standard	Practice (SEP)	Disciplinary Core Ideas (DCI)	Crosscutting Concepts (CCC)
Where Does It Get Its Energy? K-4	L.K-4.4, L.3-5.3, L.4-5.6, RI.K-5.4, RI.1.1, RI.2-4.3, RI.3.1, RI.3.5, RI.3-4.7, RL.K.4, RL.K.10, RL.2-4.4, RL.3-5.1, SL.K-2.1, SL.K-1.2, SL.K-5.3, SL.K-1.5, SL.K-2.6, SL.3-5.4, W.K-5.2, W.K.3, W.K.5, W.4-5.7			5-PS3-1	Developing and Using Models	PS3.D: Energy in Chemical Processes and Everyday Life	Energy and Matter
Why Use Renewable Energy? 5-8	SL.6-8.1	MP1, MP3, MP7	6.RP.3c				

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