

# CELF Summer Institute Curriculum Library Index

Link: [www.celfeducation.org/CELF-curriculum](http://www.celfeducation.org/CELF-curriculum)



Elementary	ALL					
K-2 <sup>nd</sup> Grade						
3 <sup>th</sup> -5 <sup>th</sup> Grade						
Middle School	Interdisciplinary (INT)	Science (SCI)	Social Studies (SS)	Math (M)	ELA (E)	Other
6 <sup>th</sup> Grade	<ul style="list-style-type: none"> <li>Environmental Responsibility Contributing to a Sustainable World</li> </ul>	<ul style="list-style-type: none"> <li>Ecology</li> <li>Special Ed: Ecology</li> <li>Scientific Inquiry: Implementation Report</li> <li>Scientific Inquiry Unit Makeover</li> <li>EfS Integration-Year Plan</li> <li>Nature of Science-Introductory Unit</li> <li>Nature of Science Unit Rationale &amp; Explanation</li> </ul>			<ul style="list-style-type: none"> <li>Actions and Behavior</li> <li>Graphic Organizer</li> </ul>	
7 <sup>th</sup> Grade	<ul style="list-style-type: none"> <li>Forest Drinking Water</li> </ul>	<ul style="list-style-type: none"> <li>Earth 7/8 Man, Mining &amp; Sustainability</li> <li>Needs of Living Things</li> </ul>		<ul style="list-style-type: none"> <li>Ecological Footprint: Scatter Plots</li> <li>Energy Audit Handout &amp; Rubric</li> <li>Energy Audit Project Introduction</li> <li>Energy Audit Project</li> </ul>	<ul style="list-style-type: none"> <li>Lesson Notes 7<sup>th</sup> Grade Lit.</li> <li>Let the Circle be Unbroken</li> <li>Project Utopia: The Giver</li> <li>The Pearl (Lesson 1)</li> <li>The Pearl (Lesson 2)</li> </ul>	

Units highlighted in green are part of the *Massachusetts Sustainability Literacy Campaign*.  
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ENVIRONMENTAL LITERACY

Middle School	Interdisciplinary (INT)	Science (SCI)	Social Studies (SS)	Math (M)	ELA (E)	Other
<b>7<sup>th</sup> Grade</b> <i>(continued)</i>				<ul style="list-style-type: none"> <li>• Lesson System of Equation - Energy Costs</li> <li>• Systems of Equations Handout &amp; Homework</li> </ul>		
<b>8<sup>th</sup> Grade</b>		<ul style="list-style-type: none"> <li>• Earth 7/8 Man, Mining &amp; Sustainability</li> </ul>	<ul style="list-style-type: none"> <li>• Columbus Comparison Essay Assignment</li> <li>• Columbus Controversy Project</li> <li>• Columbian Encounter Lesson Plan</li> <li>• Sustainability Journals</li> <li>• World in 1492 Essay Assignment</li> </ul>	<ul style="list-style-type: none"> <li>• Ecological Footprint: Scatter Plots</li> <li>• Energy Audit Handout &amp; Rubric</li> <li>• Energy Audit Project Introduction</li> <li>• Energy Audit Project</li> <li>• Lesson System of Equation - Energy Costs</li> <li>• Systems of Equations Handout &amp; Homework</li> </ul>	<ul style="list-style-type: none"> <li>• Non-Fiction Unit</li> </ul>	<ul style="list-style-type: none"> <li>• ART Metamorphosis of Biomimicry</li> <li>• PE Challenge &amp; Systems Thinking</li> <li>• SP Maintain the Earth Project</li> </ul>

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High School	Interdisciplinary (INT)	Science (SCI)	History/Econ	Spanish (SP)	English (EN)	Other
9 <sup>th</sup> Grade		<ul style="list-style-type: none"> <li>• ENV Unit 1 Pop, Food Chains, Cycles</li> <li>• ENV Unit 2 Genetics - Biotech</li> <li>• ENV Unit 5 Biological Systems - Nutrition</li> <li>• ENV Skills Key</li> <li>• ENV Unit 7 Renewable Resources - Human Impact</li> <li>• PHYS Energy Lesson</li> <li>• PHYS Energy Unit Outline</li> </ul>			<ul style="list-style-type: none"> <li>• Eng 9/10 Teaching Charles Dickens</li> </ul>	<ul style="list-style-type: none"> <li>• Wellness - On Nutrition &amp; Fitness 1</li> <li>• Wellness - On Nutrition &amp; Fitness 2</li> </ul>
10 <sup>th</sup> Grade		<ul style="list-style-type: none"> <li>• Pre-Service Human Impact Unit</li> <li>• Electromagnetics</li> <li>• 10-11 Biodiesel Unit</li> <li>• 10-11 Bioplastics Unit</li> <li>• 10-11 Foul Water Investigation</li> <li>• 10-11 Organic Food Unit</li> <li>• 10-11 Reflection</li> </ul>		<ul style="list-style-type: none"> <li>• Level ¼ Cajas de Carton</li> <li>• Level ¼ Pongase en la Onda Verda</li> </ul>	<ul style="list-style-type: none"> <li>• Eng 9/10 Teaching Charles Dickens</li> <li>• Joy Luck Club Lesson</li> </ul>	

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ENVIRONMENTAL LITERACY

High School	Interdisciplinary (INT)	Science (SCI)	History/Econ	Spanish (SP)	English (EN)	Other
<b>11<sup>th</sup> Grade</b>		<ul style="list-style-type: none"> <li>• 10-11 Biodiesel Unit</li> <li>• 10-11 Bioplastics Unit</li> <li>• 10-11 Foul Water Investigation</li> <li>• 10-11 Organic Food Unit</li> <li>• 10-11 Reflection</li> <li>• 11-12 Water Unit Makeover Report</li> <li>• 11-12 Water Unit</li> </ul>		<ul style="list-style-type: none"> <li>• Level ¼ Cajas de Carton</li> <li>• Level ¼ Pongase en la Onda Verda</li> </ul>	<ul style="list-style-type: none"> <li>• Nature &amp; Industry: Tintern Abbey</li> <li>• Sustainability through Literature</li> </ul>	
<b>12<sup>th</sup> Grade</b>		<ul style="list-style-type: none"> <li>• 11-12 Water Unit Makeover Report</li> <li>• 11-12 Water Unit</li> <li>• ENV Food-Sustainability</li> <li>• ENV Unit Makeover: Env. Interrelationships</li> </ul>	<ul style="list-style-type: none"> <li>• SS Industrial Revolution</li> </ul>		<ul style="list-style-type: none"> <li>• Nature &amp; Industry: Tintern Abbey</li> </ul>	
<b>Multi-Grade</b>	<ul style="list-style-type: none"> <li>• Home Energy Audit</li> <li>• Post AP Tests - Service Learning Project</li> </ul>	<ul style="list-style-type: none"> <li>• 9-12 Estuary Nutrients</li> <li>• Pre-Service Reflection Essay</li> <li>• Atmospheric Gases</li> <li>• Env. Ethics Assignment</li> <li>• Env. Ethics Rubric</li> <li>• Lifecycle Assignment</li> <li>• Lifecycle Rubric</li> <li>• Word Culture Backgrd</li> </ul>			<ul style="list-style-type: none"> <li>• 9-12 Reframing Curriculum: Sustainability Lens</li> </ul>	<ul style="list-style-type: none"> <li>• Post AP Tests Service Learning Project</li> </ul>
<b>Curriculum Map</b>						
<b>Electives</b>						

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