

# Learning Through Legacy

Alabama's Environmental Education Guide  
for Grades 6-8

Produced for  
**Alabama Educators**

By  
**Legacy, Partners in Environmental Education**



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## 6-8 Correlation • Alabama Science Course of Study

### Chapter 1 • Ecology

ACTIVITY	PAGE #	SCIENTIFIC SKILLS BY GRADE
Recreational Fishing On An Artificial Reef	3	6 - 5, 6, 7 7 - 7 8 - none
Marvelous Manatee	7	6 - 5, 6, 7 7 - 4, 7 8 - none
Adaptations: Toothpicks In Hiding	11	6 - 7 7 - 6, 7 8 - none
Biome Bingo	15	6 - 7 7 - 7 8 - none
Can You Dig Wetland Soil?	19	6 - 2, 3, 7 7 - 7 8 - 6
Catchy Crustaceans!	25	6 - 5, 6, 7 7 - 4, 5, 7 8 - none
Ecosystem Vocabulary Zipper Game	35	6 - 2, 3, 7 7 - 4, 5, 6, 7 8 - none
Encapsulated Ecosystems: Salt Marshes	41	6 - 2, 3, 7 7 - 4, 5, 6, 7 8 - none
Environmental Stewardship	43	6 - 2, 7 7 - 4, 5, 6, 7 8 - none
Environmental News Coverage	45	6 - 2, 7 7 - 7 8 - none
Gotta Have Energy	49	6 - 2, 3 7 - 7 8 - 2, 11
Hide And Seek	49	6 - 7 7 - 6, 7 8 - none
Mode Of Marine Life Mobile	51	6 - 7 7 - 4, 5, 7 8 - none
Succession In A Clearcut Area	55	6 - 2, 7 7 - 5, 6, 7 8 - none
Wasted Wetlands	57	6 - 2, 7 7 - 5, 7 8 - none

## 6-8 Correlation • Alabama Science Course of Study

### Chapter 2 • Pollution Prevention

ACTIVITY	PAGE #	SCIENTIFIC SKILLS BY GRADE
Pumping Out Alabama	61	6 - 2, 3, 7 7 - 7 8 - none
Posters And People	65	6 - 2, 3, 5, 6, 7 7 - 7 8 - none
Aquatic Litter Puzzles	67	6 - 2, 3, 5, 6, 7 7 - 7 8 - none
Fun Lovers, Enviro-Lovers - What's The Connection?	69	6 - 2, 3, 5, 6, 7 7 - 7 8 - none
Effects Of Holding Tank Discharge	73	6 - 2, 3, 7 7 - 7 8 - none
Biodegradable Substances	75	6 - 2, 3, 5, 6, 7 7 - 7 8 - none
Breathing Air Pollution	79	6 - 2, 3, 7 7 - 7 8 - 2, 3, 4, 5
Who's Dumping Chemicals On My Catfish?	81	6 - 2, 3, 7 7 - 7 8 - none
Cleaner Clothes - Cleaner Environment?	83	6 - 2, 3, 7 7 - 7 8 - 3, 4, 5, 6
Cleaning An Oil Spill	85	6 - 2, 3, 5, 6, 7 7 - 7 8 - 5, 6
Decomposers/Water Pollution	87	6 - 2, 3, 7 7 - 5, 7 8 - none
Dilution To The Solution Of Pollution	91	6 - 2, 3, 5, 6, 7 7 - 7 8 - 3, 6
Dry Land/ Hot Land	93	6 - 2, 3, 7 7 - 5, 7 8 - none
How Small Is Small?	97	6 - 2, 3, 5, 6, 7 7 - 7 8 - 3, 5, 7
Rivers Of Life...Or Death	101	6 - 2, 3, 7 7 - 7 8 - 3, 6



## 6-8 Correlation • Alabama Science Course of Study

### Chapter 3 • Waste Management

ACTIVITY	PAGE #	SCIENTIFIC SKILLS BY GRADE
Effects Of Biodegradable Waste On Dissolved Oxygen	113	6 - 2, 7 7 - 1, 4, 7 8 - 1
Glass Making (Recycling)	117	6 - 2, 7 7 - 7 8 - 1
Hide And Seek: Hazardous Waste On The Move	121	6 - 2, 3, 7 7 - 1, 7 8 - 1, 2, 6
Ins And Outs Of A Worms Life	125	6 - 2, 3, 7 7 - 1, 4, 5, 7 8 - 1
Is It A Waste? What's The Appeal?	131	6 - 2, 3, 7 7 - 1, 7 8 - 1
Life Cycle Of A Taco	133	6 - 2, 3, 7 7 - 7 8 - 1
Paper Recycling and By-Products	137	6 - 2, 3, 7 7 - 7 8 - 1, 5, 6
Plastics, Everywhere	147	6 - 2, 3, 7 7 - 7 8 - 1, 7
Precycling	149	6 - 2, 3, 7 7 - 7 8 - 1, 7
Talking Trash: Biodegradable Landfills?	151	6 - 2, 3, 7 7 - 1, 7 8 - 1, 5, 6
Tin Can Incinerator	155	6 - 2, 3, 7 7 - 7 8 - 1, 7
Demonstrating Hazardous Wastes	159	6 - 2, 3, 7 7 - 7 8 - 1, 5, 6, 7

## 6-8 Correlation • Alabama Science Course of Study

### Chapter 4 • Natural Resources

ACTIVITY	PAGE #	SCIENTIFIC SKILLS BY GRADE
Wonder Water Jeopardy	165	6 - 2, 3, 7 7 - 7 8 - 1, 6
Alabama's Water Environment	169	6 - 2, 3, 7 7 - 7 8 - 1, 6
Endangered Animals Newspaper	171	6 - 2, 7 7 - 1, 4, 7 8 - none
Insulating Your Home	173	6 - 2, 3 7 - 7 8 - 1, 11
Native Or Exotic?	175	6 - 2, 7 7 - 1, 4, 5, 7 8 - none
Nurture A Habitat	177	6 - 2, 7 7 - 1, 4, 5, 6, 7 8 - none
Of Words And Woodpeckers	179	6 - 2, 7 7 - 1, 4, 7 8 - none
Saving Sleuth	183	6 - 2, 3, 7 7 - 7 8 - 1, 11
Settling Down To Clean Drinking Water	185	6 - 2, 3 7 - 7 8 - 1, 6
Tour The Trees	187	6 - 2, 7 7 - 1, 4, 5, 7 8 - none
What's Growing Under My Feet?	193	6 - 2, 7 7 - 1, 4, 5, 7 8 - none
What's A Tree Worth?	195	6 - 2, 7 7 - 1, 4, 5, 7 8 - none
Why Do We Need Petroleum?	199	6 - 2, 3 7 - 7 8 - 1, 5, 6

<b>Subject Correlations</b>		<b>Math</b>	<b>Science</b>	<b>Language Arts (English)</b>	<b>Social Studies</b>	<b>Related Arts</b>
<b>ACTIVITY</b>	<b>PAGE #</b>					
<b>CHAPTER 1 • ECOLOGY</b>						
Recreational Fishing On An Artificial Reef	3		x			x
Marvelous Manatee	7		x		x	
Adaptations: Toothpicks In Hiding	11	x	x			
Biome Bingo	15		x	x		
Can You Dig Wetland Soil?	19		x		x	
Catchy Crustaceans	25		x			
Ecology Vocabulary Zipper Game	35		x			
Encapsulated Ecosystems	39		x			
Environmental Stewardship: Salt Marshes	41		x	x	x	
Environmental News Coverage	43		x	x		x
Gotta Have Energy	45	x	x			
Hide And Seek	49		x			
Mode Of Marine Life Mobile	51		x			
Succession In A Clearcut Area	55		x			
Wasted Wetlands	57		x			
<b>CHAPTER 2 • POLLUTION PREVENTION</b>						
Pumping Out Alabama	61		x		x	
Posters And People	65		x	x	x	x
Aquatic Litter Puzzles	67		x	x	x	
Fun Lovers, Enviro-Lovers - What's the Connection	69		x			
Effects Of Holding Tank Discharges	73	x	x			
Biodegradable Substances	75		x	x		
Breathing Air Pollution	79	x	x			x
Who's Dumping On My Catfish?	81		x	x		x
Cleaner Clothes - Cleaner Environment	83		x			
Cleaning An Oil Spill	85		x	x		
Decomposers/Water Pollution	87		x	x		
Dilution To The Solution Of Pollution?	91		x			
Dry Land/Hot Land	93	x	x			
How Small Is Small?	97		x	x	x	
Rivers Of Life...Or Death	101		x			
Street Runoff	105		x			

<b>Subject Correlations</b>						
<b>ACTIVITY</b>	<b>PAGE #</b>	<b>Math</b>	<b>Science</b>	<b>Language Arts (English)</b>	<b>Social Studies</b>	<b>Related Arts</b>
<b>CHAPTER 2 • (continued)</b>						
Thermal Pollution And Aquatic Ecosystems	107		x			
Vegetation Survey	109		x	x		
<b>CHAPTER 3 • WASTE MANAGEMENT</b>						
Effects Of Biodegradable Waste On Dissolved Oxygen	113	x	x		x	
Glass Making (Recycling)	117		x		x	x
Hide And Seek: Hazardous Waste On The Move	121		x			
Ins And Outs Of A Worm's Life	125	x	x			
Is It A Waste? What's The Appeal?	131	x	x	x	x	x
Life Cycle Of A Taco	133		x		x	
Paper Recycling And By-Products	137		x		x	x
Plastics, Everywhere	147		x			
Precycling	149	x	x			
Talking Trash: Biodegradable Landfills?	151	x	x			
Tin Can Incinerator	155	x	x			
Demonstrating Hazardous Waste	159		x			
<b>CHAPTER 4 • NATURAL RESOURCES</b>						
Wonder Water Jeopardy	165		x			
Alabama's Water Environment	169		x		x	
Endangered Animals Newspaper	171		x	x		x
Insulating Your Home	173	x	x		x	
Native Or Exotic	175		x		x	
Nurture A Habitat	177		x		x	
Of Words Or Woodpeckers	179		x		x	
Savings Sleuth	183	x	x		x	
Settling Down To Clean Drinking Water	185		x			
Tour The Trees	187		x		x	
What's Growing Under My Feet?	193		x			
What's A Tree Worth?	195		x		x	x
Why Do We Need Petroleum?	199		x			

# Notes