Project Learning Tree Municipal Solid Waste (continued) Number – Activity	Supplement	Extensions	Correlation	Science Standards
#1 Introduction to MSW: The Waste Stream *(continued)*			○ ○ ○ ○ ⦿	*F - Science in Personal and Social Perspectives: (con't)* Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G - History and Nature of Science:* Science as a Human Endeavor Historical Perspectives
#4 Composting			● ○ ○ ⦿ ⦿ ○ ⦿ ○ ○ ○	*Unifying Concepts and Processes:* Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function *A – Science as Inquiry:* Abilities to do Scientific Inquiry *B – Physical Science*: Chemical Reactions *C – Life Science:* Matter, Energy, and Organization in Living Systems *E – Science & Technology* Abilities of Technological Design Understanding about Science and Technology *F – Science in Personal and Social Perspectives:* Personal and Community Health Natural Resources
#6 Landfills			● ○ ○ ○ ⦿ ○ ○ ○	*Unifying Concepts and Processes:* Evidence, Models, and Explanation Form and Function *A – Science as Inquiry:* Abilities to do Scientific Inquiry *B – Physical Science*: Chemical reactions *E – Science & Technology* Abilities of Technological Design Understanding about Science and Technology *F - Science in Personal and Social Perspectives:* Personal and Community Health Environmental Quality

Project Learning Tree Places We Live Number – Activity	Supplement	Extensions	Correlation	Science Standards
#5 Green Space		1, 2, 3, 4, 5, 6, 7	⊙ ● ● ● ● ● ⊙	*C – Life Science:* Interdependence of Organisms *F – Science in Personal and Social Perspectives:* Personal and Community Health Population Growth Natural Resources Environm ental Quality Science and Technology in Local, National and Global Challenges *G – History and Nature of Science:* Historical Perspectives
#6 A Vision for the Future	PLT Units 1, 4	3	⊙ ⊙ ⊙ ● ⊙ ● ● ● ● ⊙ ⊙	*C – Life Science:* Interdependence of Organisms *E – Science & Technology* Abilities of Technological Design Understanding about Science and Technology *F – Science in Personal and Social Perspectives:* Personal and Community Health Population Growth Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National and Global Challenges *G – History and Nature of Science* Science as a Human Endeavor Historical Perspectives

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Carrying Capacity	WILD Unit 3			*Unifying Concepts and Processes:*
			⦿	Systems, Order, and Organization
			⦿	Evidence, Models, and Explanation
			⦿	Constancy, Change, and Measurement
			○	Evolution and Equilibrium
				A – Science as Inquiry:
			⦿	Abilities to do Scientific Inquiry
			⦿	Understanding about Scientific Inquiry
				C – Life Science:
			⦿	Interdependence of Organisms
			○	Matter, Energy, and Organization in Living Systems
				F – Science in Personal and Social Perspectives:
			○	Population Growth
			○	Environm ental Quality
			○	Science and Technology in Local, National, and Global Challenges
			○	*G – History and Nature of Science:* Nature of Scientific Knowledge
I Fire Ecologies *(continued on next page)*	Yes WILD Units 2, 3	1, 4		*Unifying Concepts and Processes:*
			⦿	Systems, Order, and Organization
			⦿	Evidence, Models, and Explanation
			⦿	Constancy, Change, and Measurement
			⦿	Evolution and Equilibrium
			○	Form and Function
				A – Science as Inquiry:
			⦿	Abilities to do Scientific Inquiry
			⦿	Understanding about Scientific Inquiry
				B – Physical Science:
			○	Chem ical Reactions
			○	Conservation of Energy and Decrease in Disorder
			○	Interactions of Matter and Energy
				C – Life Science:
			○	Interdependence of Organisms
			○	Matter, Energy, and Organization in Living Systems

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Fire Ecologies *(continued)*			○ ⊙ ○ ○ ○ ○	*D – Earth and Space Science*: Energy in the Earth System *E – Science & Technology*: Abilities of Technological Design Understanding about Science and Technology *F – Science in Personal and Social Perspectives:* Environm ental Quality Natural and Human–induced Hazards *G – History and Nature of Science:* Constancy, Change, and Measurement
I Forest in a Jar	WILD Unit 2		 ⊙ ● ⊙ ● ⊙ ○ ○ ○ ○ ○ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *B – Physical Science:* Chem ical reactions Interactions of Matter and Energy *C – Life Science:* Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems *F – Science in Personal and Social Perspectives:* Population Growth
I We're in This Together *(continued on next page)*	1		 ○ ○ ○ ⊙ ⊙ ⊙	*Unifying Concepts and Processes:* Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Interdependence of Organisms

Project WILD **Section – Activity**	**Supplement**	**Extensions**	**Correlation**	**Science Standards**
I We're in This Together *(continued)*			○ ○ ○ ⦿ ⦿ ⦿	*F – Science in Personal and Social Perspectives:* Personal and Community Health Population Growth Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National and Global Challenges
III Back from the Brink	Yes WILD Units 3, 4	1, 2	○ ○ ○	*A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry *C – Life Science:* Interdependence of Organisms *F – Science in Personal and Social Perspectives:* Natural Resources
III Bird Song Survey	WILD Unit 3	1, 2, 3	○ ○ ⦿ ⦿ ○ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Form and Function *A – Science as Inquiry:* Abilities to do Scientific Inquiry *C – Life Science:* Behavior of Organisms *G – History and Nature of Science:* Constancy, Change, and Measurement
III Cabin Conflict *(continued on next page)*			○ ○ ○ ⦿ ○ ○ ○ ○	*Unifying Concepts and Processes:* Systems, Order and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Interdependence of Organisms *E – Science & Technology*: Abilities of Technological Design Understanding about Science and Technology

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Cabin Conflict *(continued)*				*F – Science in Personal and Social Perspectives:*
			○	Natural Resources
			⦿	Environm ental Quality
			○	Science and Technology in Local, National and Global Challenges
				G – History and Nature of Science:
			○	Constancy, Change, and Measurement
			○	Nature of Scientific Knowledge
III Can Do!	Yes Units 3, 4			*Unifying Concepts and Processes:*
			○	Systems, Order and Organization
			○	Evidence, Models, and Explanation
			○	Constancy, Change and Measurement
				A – Science as Inquiry:
			⦿	Abilities to do Scientific Inquiry
			○	Understanding about Scientific Inquiry
			○	*C – Life Science:* Interdependence of Organisms
				E – Science & Technology:
			●	Abilities of Technological Design
			○	Understandings about Science and Technology
				F – Science in Personal and Social Perspectives:
			○	Population Growth
			○	Natural Resources
			○	Environm ental Quality
			⦿	Science and Technology in Local, National and Global Challenges
				G – History and Nature of Science:
			○	Constancy, Change, and Measurement
			○	Nature of Scientific Knowledge
III From Bison to Bread: The American Prairie *(continued on next page)*	Yes Units 1, 2, 3 ,4			*Unifying Concepts and Processes:*
			○	Systems, Order and Organization
			○	Constancy, Change and Measurement
				A – Science as Inquiry:
			○	Abilities to do Scientific Inquiry
			○	Understanding about Scientific Inquiry

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III From Bison to Bread: The American Prairie *(continued)*			 ⦿ ○ ○ ○ ○	*C – Life Science:* Interdependence of Organisms Matter, Energy, and Organization in Living Systems *F – Science in Personal and Social Perspectives:* Population Growth Natural Resources Science and Technology in Local, National and Global Challenges
III Turkey Trouble	WILD Units 3, 4	1, 2	 ⦿ ○ ● ⦿ ⦿ ○ ○ ○ ⦿ ○ ⦿ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Interdependence of Organisms Behavior of Organisms *E – Science & Technology*: Abilities of Technological Design Understanding about Science and Technology *F – Science in Personal and Social Perspectives:* Population Growth Environm ental Quality *G – History and Nature of Science:* Constancy, Change, and Measurement
III W ildlife Research *(continued on next page)*	WILD Units 3, 4		 ○ ⦿ ⦿ ● ● ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Behavior of Organisms

Project WILD Section – Activity	Supplement	Extensions	Correlation	Science Standards
III W ildlife Research *(continued)*			● ○ ○ ○	*E – Science & Technology*: Abilities of Technological Design Understanding about Science and Technology *F – Science in Personal and Social Perspectives:* Natural Resources *G – History and Nature of Science:* Constancy, Change, and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Blue Ribbon Niche	Yes WILD Aquatic Units 1, 2, 3, 4	1, 2	○ ⊙ ○ ○ ⊙ ⊙ ⊙ ○ ⊙ ● ○ ○ ○ ○ ● ⊙ ○	*Unifying Concepts and Processes:* Systems, Order, and Organizations Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems Behavior of Organisms *D – Earth and Space Science*: Energy in the Earth System Geochem ical Cycles *F – Science in Personal and Social Perspectives:* Personal and Community Health Natural Resources Environm ental Quality Natural and Human–induced Hazards

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I (The) Edge of Home	Yes WILD Aquatic Units 2, 3	1, 3	 ○ ⦿ ○ ○ ⦿ ⦿ ⦿ ○ ⦿ ○ ○ ● ⦿	*Unifying Concepts and Processes:* Systems, Order, and Organizations Evidence, Models, and Explanation Constancy, Change and Measurement Evolution and Equilibrium Form and Function *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems *F – Science in Personal and Social Perspectives:* Personal and Community Health Natural Resources Environm ental Quality
I Water Canaries *(continued on next page)*	Yes WILD Aquatic Units 2, 3, 4	1, 2, 3, 4, 5, 6, 7, 8; Iowa Supp.	 ○ ○ ○ ⦿ ⦿ ○ ○ ○ ⦿ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *B – Physical Science:* Chemical Reactions Interactions of Energy and Matter *C – Life Science:* Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems *D – Earth and Space Science*: Geochemical cycles

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
I Water Canaries *(continued)*			⦿ ⦿ ⦿ ⦿ ● ● ⦿ ○ ○	*E – Science & Technology*: Abilities of Technological Design Understandings about Science and Technology *F – Science in Personal and Social Perspectives:* Personal and Community Health Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G – History and Nature of Science:* Science as a Human Endeavor Nature of Scientific Knowledge
III Aquatic Roots	Yes WILD Aquatic Units 2, 3, 4	2 Iowa Supp.	○ ○ ○ ○ ○ ○ ⦿ ○ ○ ○ ⦿ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Biological Evolution Interdependence of Organisms Matter, Energy, and Organization in Living Systems *E – Science & Technology*: Abilities of Technological Design Understandings about Science and Technology *F – Science in Personal and Social Perspectives:* Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Dragonfly Pond	Yes WILD Aquatic Units 3, 4	2, 3, 5, 6, 7, 8 Iowa Supp.	 ● ⦿ ○ ⦿ ⦿ ○ ⦿ ○ ● ⦿ ● ● ● ● ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Evolution and Equilibrium *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Biological Evolution Interdependence of Organisms *D – Earth and Space Science*: Geochemical cycles *E – Science & Technology*: Abilities of Technological Design Understandings about Science and Technology *F – Science in Personal and Social Perspectives:* Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G – History and Nature of Science:* Science as a Human Endeavor Nature of Scientific Knowledge
III Facts and Falsehoods		1, 2, 3	⦿ ⦿ ○ ○ ○ ⦿ ○	*Unifying Concepts and Processes:* Evidence, Models, and Explanation *A – Science as Inquiry:* Abilities to do Scientific Inquiry Understanding about Scientific Inquiry *E – Science & Technology*: Abilities of Technological Design Understandings about Science and Technology *G – History and Nature of Science:* Nature of Scientific Knowledge Constancy, Change, and Measurement

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III (The) Glass Menagerie	Yes WILD Aquatic Units 1, 3, 4	1, 2, 3	 ● ● ⦿ ● ○ ● ● ○ ○ ⦿ ○ ○ ○ ○ ⦿ ○ ⦿ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation Constancy, Change, and Measurement Evolution and Equilibrium Form and Function *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *B – Physical Science:* Chemical Reactions *C – Life Science:* Biological Evolution Interdependence of Organisms Behavior of Organisms *E – Science & Technology*: Abilities of Technological Design Understandings about Science and Technology *F – Science in Personal and Social Perspectives:* Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G – History and Nature of Science:* Constancy, Change, and Measurement
III Puddle Wonders! *(continued on next page)*	Yes WILD Aquatic Units 2, 3	1, 2, 3, 4 Iowa Supp.	 ○ ○ ● ● ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evolution and Equilibrium *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Biological Evolution Interdependence of Organisms

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III Puddle Wonders! *(continued)*			 ○ ○ ○	*F – Science in Personal and Social Perspectives:* Natural Resources Environm ental Quality Science and Technology in Local, National, and Global Challenges
III W atershed	Yes WILD Aquatic Units 1, 3	1, 2, 3, 5, 6, 7, 8 Iowa Supp.	 ● ○ ⊙ ⊙ ○ ○ ○ ○ ⊙ ⊙ ● ● ● ⊙ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization Evidence, Models, and Explanation *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *B – Physical Science:* Motions and Forces Conservation of Energy and Decrease in Disorder Interactions of Energy and Matter *C – Life Science:* Biological Evolution Interdependence of Organisms *D – Earth and Space Science*: Geochemical Cycles *F – Science in Personal and Social Perspectives:* Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G – History and Nature of Science:* Nature of Scientific Knowledge
III What's in the Water? *(continued on next page)*	Yes WILD Aquatic Unit 4	1, 2, 3, 4 Iowa Supp.	⊙ ○ ○ ○ ○	*Unifying Concepts and Processes:* Systems, Order, and Organization *A – Science as Inquiry:* Abilities Necessary to do Scientific Inquiry Understanding about Scientific Inquiry *C – Life Science:* Interdependence of Organisms *D – Earth and Space Science*: Geochemical cycles

Project WILD Aquatic Section – Activity	Supplement	Extensions	Correlation	Science Standards
III What's in the Water? *(continued)*			● ● ● ● ○	*F – Science in Personal and Social Perspectives:* Natural Resources Environm ental Quality Natural and Human–induced Hazards Science and Technology in Local, National, and Global Challenges *G – History and Nature of Science:* Nature of Scientific Knowledge