

# Arkansas Science / Project Learning Tree Correlations – 2005 Frameworks

## FIRST GRADE

### Correlations Levels

☺ Moderate correlation – activity may be used to enhance other activities, but should not be a stand-alone lesson

☺ ☺ Strong correlation – activity may be used as a stand-alone to teach the concept

**Strand 2: Life Science**      **Standard 2: Living Systems: Characteristics, Structure, and Function – Students shall demonstrate and apply knowledge of living systems using appropriate safety procedures, equipment, and technology**

		PLT Activity Number	Name	Level
Characteristics Structure and Function	LS.2.1.1 Classify animals according to common characteristics (e.g. movement, body coverings, diet)	6	Picture This	☺ ☺
		22	Trees as Habitats	☺
	LS.2.1.4 Locate Plant Parts: Leaves Stems Flowers Roots	2	Get in Touch with Trees	☺
		16	Pass the Plants Please	☺
		27	Every Tree for Itself	☺
		28	Air Plants	☺
		61	The Closer You Look	☺
		62	To Be a Tree	☺
		63	Tree Factory	☺
		64	Looking at Leaves	☺
65	Bursting Buds	☺		
68	Name that Tree	☺		

<b>Strand 2: Life Science</b>		<b>Standard 4: Populations and Ecosystems -- Students shall demonstrate and apply knowledge of populations and ecosystems using appropriate safety procedures, equipment, and technology</b>		
Populations and Ecosystems	LS4.1.1 Identify some endangered species in Arkansas	20	Environmental Exchange Box	☺
		88	Life on the Edge	☺
<b>Strand 3: Physical Science</b>		<b>Standard 5: Properties and Changes -- Students shall demonstrate and apply knowledge of populations and ecosystems using appropriate safety procedures, equipment, and technology</b>		
Physical Properties	PS.5.1.1 Compare and contrast objects according to the single properties of Size Color Shape Texture Magnetism	1	The Shape of Things	☺ ☺
		2	Get in Touch with Trees	☺ ☺
		61	The Closer	☺
		64	Looking at Leaves	☺
		70	Soil Stories	☺
		<b>Standard 7: Energy and Transfer Energy -- Students shall demonstrate and apply knowledge of energy and transfer of energy using appropriate safety procedures, equipment, and technology</b>		
Light	PS.7.1.1 Compare natural sources of light (e.g., sun, fireflies, deep sea creatures, fire, lightning) to artificial sources of light (e.g. light bulbs, matches, candles)	39	Energy Sleuths	☺

Heat	PS.7.1.3 Compare natural sources of heat (e.g., sun, fire, lightening) to artificial sources of heat (e.g. stove, toaster)	39	Energy Sleuths	☺
		81	Living with Fire	☺
<b>Strand 4: Earth and Space Science</b>				
<b>Standard 8: Earth Systems: Structure and Properties -- Students shall demonstrate and apply knowledge of Earth's structure and properties using appropriate safety procedures, equipment, and technology</b>				
Natural Resources	ESS.8.1.2 Identify common uses of Earth's resources	13	We All Need Trees	☺ ☺
		15	A Few of My Favorite Things	☺ ☺
		31	Plant a Tree	☺
		32	A Forest of Many Uses	☺
		36	Pollution Search	☺
		69	Forest for the Trees	☺
		75	Tipi Talk	☺
		85	In the Driver's Seat	☺
		89	Trees for Many Reasons	☺
Weather	ESS.8.1.5 Identify the sequence of seasons	21	Adopt a Tree	☺
		78	Signs of Fall	☺