

Arkansas Science / Project Learning Tree Correlations – 2005 Frameworks

KINDERGARTEN

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 | LS.2.K.1 Classify living and non-living things | 21 | Adopt a Tree | ☺ |
| | | 22 | Trees as Habitats | ☺ ☺ |
| | | 48 | Field, Forest and Stream | ☺ |
| | | 79 | Tree Life Cycle | ☺ |
| | LS.2.K.2 Differentiate between plants and animals | 6 | Picture This | ☺ ☺ |
| | | 22 | Trees as Habitats | ☺ ☺ |
| | | 47 | Are Vacant Lots Vacant? | ☺ ☺ |
| | | 48 | Field, Forest, and Stream | ☺ |
| | LS.2.K.4 Identify basic needs of plants and animals: food, water, light, air, space | 7 | Habitat Pen Pals | ☺ |
| | | 8 | The Forest of S.T. Shrew | ☺ |
| | | 22 | Trees as Habitats | ☺ |
| | | 24 | Nature's Recyclers | ☺ |
| | | 26 | Dynamic Duo | ☺ |
| | | 27 | Every Tree for Itself | ☺ ☺ |
| | | 41 | How Plants Grow | ☺ ☺ |

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|------------------------|--|---|------------------------------|-----|
| | | 42 | Sunlight and Shades of Green | ☺ |
| | | 46 | Schoolyard Habitat | ☺ |
| | | 63 | Tree Factory | ☺ |
| | | 77 | Trees in Trouble | ☺ |
| | | 88 | Life on the Edge | ☺ |
| Structure and Function | LS.2.K.5 Name and describe the five senses | 1 | The Shape of Things | ☺ |
| | | 3 | Peppermint Beetle | ☺ |
| | | 4 | Sounds Around | ☺ |
| | | 5 | Poet Tree | ☺ |
| | LS.2.K.6 Discuss the functions of the five senses | 1 | The Shape of Things | ☺ |
| | | 3 | Peppermint Beetle | ☺ |
| | | 4 | Sounds Around | ☺ |
| | | 6 | Poet Tree | ☺ |
| | | 21 | Adopt a Tree | ☺ ☺ |
| | Strand 2: Life Science | Standard 3: Life Cycles, Reproduction, and Heredity – Students shall demonstrate and apply knowledge of life cycles, reproduction, and heredity using appropriate safety procedures, equipment, and technology | | |
| Life Cycles | LS.3.K.1 Describe plant development and growth | 27 | Every Tree for Itself | ☺ |
| | | 28 | Air Plants | ☺ |
| | | 42 | Sunlight and Shades of Green | ☺ |
| | | 61 | The Closer You Look | ☺ |
| | | 65 | Bursting Buds | ☺ |
| | | 66 | Germinating Giants | ☺ |
| | | 76 | Tree Cookies | ☺ |
| | | 79 | Tree Life Cycle | ☺ |

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| Strand 3: Physical Science | | Standard 5: Matter: Properties and Changes – Students shall demonstrate and apply knowledge of matter, including properties and changes, using appropriate safety procedures, equipment, and technology | | |
| Physical Properties | PS.5.K.1 List and classify objects according to the single properties of: Size Color Shape | 1 | The Shape of Things | ☺ ☺ |
| | | 61 | The Closer You Look | ☺ |
| | | 64 | Looking at Leaves | ☺ |
| | | 70 | Soil Stories | ☺ |
| Strand 3: Physical Science | | Standard 7: Energy and Transfer of Energy – Students shall demonstrate and apply knowledge of energy and transfer of energy using appropriate safety procedures, equipment, and technology | | |
| Electricity | PS.7.K.2 Identify uses of electricity | 39 | Energy Sleuths | ☺ |
| | | | | |
| | PS.7.K.3 Identify ways to conserve electricity in the classroom and at home | 39 | Energy Sleuths | ☺ |
| 73 | | Waste Watchers | ☺ | |

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| Strand 4: Earth and Space Science | | 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 | | | |
| Natural Resources | ESS.8.K.2 Identify the uses of land and water | 20 | Environmental Exchange Box | ☺ | |
| | | 36 | Pollution Search | ☺ | |
| | | 87 | Earth Matters | ☺ | |
| | | 89 | Trees for Many Reasons | ☺ | |
| | ESS.8.K.3 Classify resources as natural or manmade | 15 | A Few of My Favorite Things | ☺ | |
| | | 52 | A Look at Aluminum | ☺ | |
| | | 85 | In the Driver's Seat | ☺ | |
| | ESS.8.K.4 Identify ways natural and manmade materials can be reused or recycled | 36 | Pollution Search | ☺ | |
| | | 37 | Reduce, Reuse, Recycle | ☺ | |
| | | 38 | Every Drop Counts | ☺ | |
| | | 51 | Make Your Own Paper | ☺ ☺ | |
| | | 52 | A Look at Aluminum | ☺ ☺ | |
| | | 89 | Trees for Many Reasons | ☺ | |
| | Strand 4: Earth and Space Science | | Standard 8: Earth Systems: Structure and Properties -- Structure and Properties -- Students shall demonstrate and apply knowledge of Earth's structure and properties using appropriate safety procedures, equipment, and technology | | |
| | Weather | ESS.8.K.5 Chart weather conditions every day | 21 | Adopt a Tree | ☺ |
| 78 | | | Signs of Fall | ☺ | |