

## ***SCIENCE*** ***Kindergarten***

### **LIFE SCIENCE STANDARDS**

#### **Cell Structure and Function**

*The student will investigate the structure and function of plant and animal cells.*

<b>Key</b>	<b>Reporting Category</b>		<b>Project WET Activity</b>
<b>I</b>		Assemble and take apart objects to determine that most things are made up of parts.	
<b>I</b>		Observe and describe what happens when an object is missing a part.	

#### **Interactions Between Living Things and Their Environment**

*The student will investigate how living things interact with one another and with nonliving elements of their environment.*

<b>I</b>		Recognize that humans have five senses and be able to discriminate among these.	Stream Sense, 191
----------	--	---	-------------------

#### **Diversity and Adaptation Among Living Things**

*The student will understand that living things have characteristics that enable them to survive in their environment.*

<b>I</b>		Know that different organisms tend to be found in different environments.	Salt Marsh Players, 99
----------	--	---	------------------------

### **EARTH SCIENCE STANDARDS**

#### **Earth and Its Place in the Universe**

*The student will investigate the structure of the universe.*

<b>I</b>		Identify objects that appear in the day and nighttime sky.	
<b>I</b>		Classify pictures as representative of day or night.	

#### **Atmospheric Cycles**

*The student will investigate the relationships among atmospheric conditions, weather, and climate.*

<b>I</b>		Identify daily weather conditions (e.g., hot, cool, sunny, snowy, and rainy).	
<b>I</b>		Associate clothing and activity choices with various types of weather.	A House of Seasons, 155

#### **Earth Resources**

*The student will investigate the properties, uses, and conservation of earth's resources.*

<b>I</b>		Recognize a variety of earth materials (e.g., rocks, pebbles, and sand).	
<b>I</b>		Classify objects as natural or manmade.	

#### **KEY**

**I = Introduced    D = Developing    A = State Assessed    M = Mastered**

#### **REPORTING CATEGORY**

**SF = Structure & Function of Organisms    ME = Motion & Forces, Forms of Energy    E = Ecology    M = Matter**  
**LC = Life Cycles & Biological Change    ER = Earth Features & Resources    SC = Space, Weather, & Climate**

**Note: "A" indicates the state curriculum (CRT) assessment only.**  
**All the skills ("I"... "D"... "A"... "M") are addressed in the classroom assessment.**

**PHYSICAL SCIENCE STANDARDS**

**Forces and Motion**

*The student will investigate the effects of force on the movement of objects.*

<b>I</b>		Recognize that objects can move in different directions and at different speeds.	
----------	--	--	--

**Structure and Properties of Matter**

*The student will investigate the characteristic properties of matter.*

<b>I</b>		Describe an object according to its simple properties.	
----------	--	--	--

**Energy**

*The student will investigate energy and its uses.*

<b>I</b>		Identify the sun as the source of earth’s heat and light energy.	
<b>I</b>		Identify different sounds and their sources.	The Thunderstorm, 196

**KEY**

**I = Introduced    D = Developing    A = State Assessed    M = Mastered**

**REPORTING CATEGORY**

**SF = Structure & Function of Organisms    ME = Motion & Forces, Forms of Energy    E = Ecology    M = Matter**  
**LC = Life Cycles & Biological Change    ER = Earth Features & Resources    SC = Space, Weather, & Climate**

**Note: “A” indicates the state curriculum (CRT) assessment only.**  
**All the skills (“I”...”D”...”A”...”M”) are addressed in the classroom assessment.**