

Main Criteria: Georgia Standards of Excellence
Secondary Criteria: Elementary Science Grade 2 v24
Subject: Science
Grade: 2
Correlation Options: Show Correlated

Georgia Standards of Excellence
Science
Grade: 2 - Adopted: 2016

STRAND/TOPIC **Earth and Space Science**

STANDARD / DESCRIPTION	S2E2.	Obtain, evaluate, and communicate information to develop an understanding of the patterns of the sun and the moon and the sun's effect on Earth.
ELEMENT	S2E2.a.	Plan and carry out an investigation to determine the effect of the position of the sun in relation to a fixed object on Earth at various times of the day. <u>Elementary Science Grade 2 v24</u> 05.03 Direct and Indirect Sunlight 05.06 Weather: Science Skills
ELEMENT	S2E2.b.	Design and build a structure that demonstrates how shadows change throughout the day. <u>Elementary Science Grade 2 v24</u> 05.03 Direct and Indirect Sunlight 05.06 Weather: Science Skills

STRAND/TOPIC **Physical Science**

STANDARD / DESCRIPTION	S2P1.	Obtain, evaluate, and communicate information about the properties of matter and changes that occur in objects.
ELEMENT	S2P1.a.	Ask questions to describe and classify different objects according to their physical properties. <u>Elementary Science Grade 2 v24</u> 01.01 Observable Properties 01.02 Weight 01.03 Sinking or Floating 01.04 Magnets 01.05 Temperature 01.06 Properties of Objects: Discussion-Based Assessment 04.02 Comparing Rocks 04.04 Classifying Soil
ELEMENT	S2P1.b.	Construct an explanation for how structures made from small pieces (linking cubes, building blocks) can be disassembled and then rearranged to make new and different structures. <u>Elementary Science Grade 2 v24</u> 02.04 Changing Materials 02.06 Changes: Science Skills
ELEMENT	S2P1.c.	Provide evidence from observations to construct an explanation that some changes in matter caused by heating or cooling can be reversed and some changes are irreversible. <u>Elementary Science Grade 2 v24</u> 02.03 Evaporation 02.04 Changing Materials 02.06 Changes: Science Skills

STRAND/TOPIC **Physical Science**

STANDARD / DESCRIPTION	S2P2.	Obtain, evaluate, and communicate information to explain the effect of a force (a push or a pull) in the movement of an object (changes in speed and direction).
ELEMENT	S2P2.a.	<p>Plan and carry out an investigation to demonstrate how pushing and pulling on an object affects the motion of the object.</p> <p><u>Elementary Science Grade 2 v24</u> 03.02 Pushes and Pulls 03.03 Changes in Motion 03.05 Energy and Motion: Discussion-Based Assessment</p>
ELEMENT	S2P2.b.	<p>Design a device to change the speed or direction of an object.</p> <p><u>Elementary Science Grade 2 v24</u> 03.03 Changes in Motion 03.05 Energy and Motion: Discussion-Based Assessment</p>
ELEMENT	S2P2.c.	<p>Record and analyze data to decide if a design solution works as intended to change the speed or direction of an object with a force (a push or a pull).</p> <p><u>Elementary Science Grade 2 v24</u> 03.03 Changes in Motion 03.05 Energy and Motion: Discussion-Based Assessment</p>

STRAND/TOPIC

Life Science

STANDARD / DESCRIPTION	S2L1.	Obtain, evaluate, and communicate information about the life cycles of different living organisms.
ELEMENT	S2L1.a.	<p>Ask questions to determine the sequence of the life cycle of common animals in your area: a mammal such as a cat, dog or classroom pet, a bird such as a chicken, an amphibian such as a frog, and an insect such as a butterfly.</p> <p><u>Elementary Science Grade 2 v24</u> 07.02 Animal Life Cycles 07.04 Life Cycles: Science Skills</p>
ELEMENT	S2L1.b.	<p>Plan and carry out an investigation of the life cycle of a plant by growing a plant from a seed and by recording changes over a period of time.</p> <p><u>Elementary Science Grade 2 v24</u> 07.01 Plant Life Cycles 07.04 Life Cycles: Science Skills</p>
ELEMENT	S2L1.c.	<p>Construct an explanation of an animal's role in dispersing seeds or in the pollination of plants.</p> <p><u>Elementary Science Grade 2 v24</u> 07.03 How Animals Help Plants 07.04 Life Cycles: Science Skills</p>
ELEMENT	S2L1.d.	<p>Develop models to illustrate the unique and diverse life cycles of organisms other than humans.</p> <p><u>Elementary Science Grade 2 v24</u> 07.01 Plant Life Cycles 07.02 Animal Life Cycles 07.04 Life Cycles: Science Skills</p>