

Main Criteria: Georgia Standards of Excellence
Secondary Criteria: Elementary Science Grade 5 v24
Subject: Science
Grade: 5
Correlation Options: Show Correlated

Georgia Standards of Excellence
Science
Grade: 5 - Adopted: 2016

STRAND/TOPIC **Earth and Space Science**

STANDARD / DESCRIPTION	S5E1.	Obtain, evaluate, and communicate information to identify surface features on the Earth caused by constructive and/or destructive processes.
ELEMENT	S5E1.c.	Ask questions to obtain information on how technology is used to limit and/or predict the impact of constructive and destructive processes. <u>Elementary Science Grade 5 v24</u> 07.03 Protecting People and Resources 07.04 Weather and Climate: Science Skills

STRAND/TOPIC **Physical Science**

STANDARD / DESCRIPTION	S5P1.	Obtain, evaluate, and communicate information to explain the differences between a physical change and a chemical change.
ELEMENT	S5P1.a.	Plan and carry out investigations of physical changes by manipulating, separating and mixing dry and liquid materials. <u>Elementary Science Grade 5 v24</u> 02.01 Mixtures of Solids
ELEMENT	S5P1.b.	Construct an argument based on observations to support a claim that the physical changes in the state of water are due to temperature changes, which cause small particles that cannot be seen to move differently. <u>Elementary Science Grade 5 v24</u> 02.04 Temperature and Change 02.05 Changes in Matter: Science Skills
ELEMENT	S5P1.c.	Plan and carry out an investigation to determine if a chemical change occurred based on observable evidence (color, gas, temperature change, odor, new substance produced). <u>Elementary Science Grade 5 v24</u> 02.04 Temperature and Change 02.05 Changes in Matter: Science Skills

STRAND/TOPIC **Physical Science**

STANDARD / DESCRIPTION	S5P2.	Obtain, evaluate, and communicate information to investigate electricity.
ELEMENT	S5P2.a.	Obtain and combine information from multiple sources to explain the difference between naturally occurring electricity (static) and human-harnessed electricity. <u>Elementary Science Grade 5 v24</u> 03.01 Forms of Energy 03.03 Electrical Energy 03.04 Electricity 03.05 Circuits 03.06 Electrical Charges 03.07 Energy: Discussion-Based Assessment

ELEMENT	S5P2.b.	Design a complete, simple electric circuit, and explain all necessary components. <u>Elementary Science Grade 5 v24</u> 03.05 Circuits
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ELEMENT	S5P2.c.	Plan and carry out investigations on common materials to determine if they are insulators or conductors of electricity. <u>Elementary Science Grade 5 v24</u> 03.01 Forms of Energy 03.04 Electricity 03.06 Electrical Charges 03.07 Energy: Discussion-Based Assessment
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STRAND/TOPIC **Physical Science**

STANDARD / DESCRIPTION	S5P3.	Obtain, evaluate, and communicate information about magnetism and its relationship to electricity.
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ELEMENT	S5P3.b.	Plan and carry out an investigation to observe the interaction between a magnetic field and a magnetic object. <u>Elementary Science Grade 5 v24</u> 04.01 Forces That Move
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STRAND/TOPIC **Life Science**

STANDARD / DESCRIPTION	S5L1.	Obtain, evaluate, and communicate information to group organisms using scientific classification procedures.
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ELEMENT	S5L1.a.	Develop a model that illustrates how animals are sorted into groups (vertebrate and invertebrate) and how vertebrates are sorted into groups (fish, amphibian, reptile, bird, and mammal) using data from multiple sources. <u>Elementary Science Grade 5 v24</u> 08.05 Comparing Organisms
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ELEMENT	S5L1.b.	Develop a model that illustrates how plants are sorted into groups (seed producers, non-seed producers) using data from multiple sources. <u>Elementary Science Grade 5 v24</u> 08.05 Comparing Organisms
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