

SC Coalition for Mathematics and Science
**Correlation of Select 2000 South Carolina State Adopted Science Instructional Materials
 To 2005 K-5 Science Content Standards**

This matrix represents the results of a review of select science instructional materials that:

- were available through the 2000 South Carolina state adoption process
- meet criteria established by the SC MSU for research-based curricula (These criteria are defined by the SC Mathematics & Science Unit Theory of Action for Instructional Improvement see www.myscmsu.org.)
- are identified by SCCMS as exemplary inquiry-based curricula.

Correlation is based on a review conducted by select SC leaders in science education. Materials identified exhibit alignment of instructional goals with indicators for the listed 2005 South Carolina Science Standards.

These materials were not designated specifically to meet SC Science Standards. Therefore, correlated materials may not address all indicators for the standard to which they are assigned. All of the listed instructional materials are built on a solid foundation of inquiry. Each individual module may not address all of the Inquiry Standards at the grade level to which they are assigned.

Where multiple instructional units are correlated to an indicator, these units are listed in alphabetical order by curriculum series title (FOSS, Insights, STC). Order of appearance does not indicate a preference of reviewers.

Please review these and all curricula carefully and make decisions based on district criteria for an exemplary science program.

Grade	Standards		FOSS	Insights	STC	
K	K-2	Characteristics of Organisms	The student will demonstrate an understanding of the characteristics of organisms (Life Science)	<i>Animals2x2</i> <i>Trees</i>	<i>Living Things</i>	
	K-3	My Body	The student will demonstrate an understanding of the distinct structures of human body and the different functions they serve. (Life Science)		<i>Myself and Others</i> <i>Senses</i>	
	K-4	Seasonal Changes	The student will demonstrate an understanding of seasonal weather changes. (Earth Science)			
	K-5	Exploring Matter	The student will demonstrate the understanding that objects can be described by their observable properties. (Physical Science)	<i>Fabric</i> <i>Wood & Paper</i>		

**Correlation of Select 2000 South Carolina State Adopted Science Instructional Materials
To 2005 K-5 Science Content Standards**

Grade	Standards			FOSS	Insights	STC
1 st	1--2	Plants	The student will demonstrate an understanding of the special characteristics and needs of plants that allow them to survive in their own distinct environments. (Life Science)	New Plants		
	1--3	Sun and Moon	The student will demonstrate an understanding of the features of the sky and the patterns of the Sun and the Moon. (Earth Science)			
	1--4	Earth Materials	The student will demonstrate an understanding of the properties of Earth materials. (Earth Science)	Pebbles, Sand and Silt		
	1--5	Exploring Motion	The student will demonstrate an understanding of the positions and motions of objects. (Physical Science)	Balance and Motion	Balls and Ramps	

Grade	Standards			FOSS	Insights	STC
2 nd	2--2	Animals	The student will demonstrate an understanding of the needs and characteristics of animals as they interact in their own distinct environments. (Life Science)	Insects		Organisms The Life Cycle of Butterflies
	2--3	Weather	The student will demonstrate an understanding of daily and seasonal weather conditions. (Earth Science)	Air and Weather		Weather
	2--4	Properties and Changes in Matter	The student will demonstrate an understanding of the properties of matter and the changes that matter undergoes. (Physical Science)	Solids and Liquids		Changes Solids and Liquids
	2--5	Magnetism	The student will demonstrate an understanding of force and motion by applying the properties of magnetism. (Physical Science)			

SC Coalition for Mathematics and Science

**Correlation of Select 2000 South Carolina State Adopted Science Instructional Materials
To 2005 K-5 Science Content Standards**

Grade	Standards		FOSS	Insights	STC
3 rd	3--2	Habitats and Adaptations	The student will demonstrate an understanding of the structures, characteristics, and adaptations of organisms that allow them to function and survive within their habitats. (Life Science)	Structures of Life	
	3--3	Earth's Materials and Changes	The student will demonstrate an understanding of Earth's composition and the changes that occur to the features of Earth's surface. (Earth Science)	Earth Materials	Rocks & Minerals Soils
	3--4	Heat and Changes in Matter	The student will demonstrate an understanding of the changes in matter that are caused by heat. (Physical Science)		
	3--5	Motion and Sound	The student will demonstrate an understanding of how motion and sound are affected by a push or pull on an object and the vibration of an object. (Physical Science)	Physics of Sound	Sound

Grade	Standards		FOSS	Insights	STC
4 th	4--2	Organisms and Their Environments	The student will demonstrate an understanding of the characteristics and patterns of behavior that allow organisms to survive in their own distinct environments. (Life Science)		Animal Studies
	4--3	Astronomy	The student will demonstrate an understanding of the properties, movements, and locations of objects in the solar system. (Earth Science)		
	4--4	Weather	The student will demonstrate an understanding of weather patterns and phenomena. (Earth Science)		
	4--5	Properties of Light and Electricity	The student will demonstrate an understanding of the properties of light and electricity. (Physical Science)	Magnetism and Electricity	Electric Circuits

SC Coalition for Mathematics and Science
**Correlation of Select 2000 South Carolina State Adopted Science Instructional Materials
 To 2005 K-5 Science Content Standards**

Grade			Standards	FOSS	Insights	STC
5th	5--2	Ecosystems: Terrestrial and Aquatic	The student will demonstrate an understanding of relationships among biotic and abiotic factors within terrestrial and aquatic ecosystems. (Life Science)	<i>Environments</i>		<i>Ecosystems</i>
	5--3	Landforms and Oceans	The student will demonstrate an understanding of features, processes, and changes in Earth's land and oceans. (Earth Science)	<i>Landforms</i>		<i>Land and Water</i>
	5--4	Properties of Matter	The student will demonstrate an understanding of properties of matter. (Physical Science)	<i>Mixtures and Solutions</i>		
	5--5	Forces and Motion	The student will demonstrate an understanding of the nature of force and motion. (Physical Science)	<i>Models and Designs</i>		<i>Motion and Design</i>