

Science Curriculum Grade 2nd
Cross County School

Science Skill	Concept	District Objective	Curricular Indicator	Performance Level	Pacing	Instructional Materials/ Class Activities	Intervention	Assessment Local	Assessment NeSA
Inquiry	Scientific Questioning	Students will ask questions and conduct investigations that lead to observations and communication of findings.	SC2.1.1	P					
	Scientific Questioning	Ask questions that relate to a science topic	SC2.1.1.a	P					
	Scientific Investigations	Conduct simple investigations (SC2.2.1: freezing, melting, sinking, floating, SC2.4.3.a: experiments with heat, SC5.2.3.a: sound experiments, SC5.2.3.d: experiment with ways to create heat)	SC2.1.1.b	P					
	Scientific Tools	Select and use simple tools appropriately (SC2.2.1.c: using a thermometer, SC5.2.3.a: tuning fork)	SC2.1.1.c	P					
	Scientific Observations	Describe objects, organisms, or events using pictures, words, and numbers (SC2.5.3.1.b: draw and label plant and animal parts and functions)	SC2.1.1.d	P					
	Scientific Data Collection	Collect and record observations (SC5.3.1.a: Venn diagram of living and nonliving things, SC2.4.2.b: graph things to reduce, recycle, reuse)	SC2.1.1.e	P					
	Scientific Communication	Use drawings and words to describe and share observations with others (SC2.4.2.b: pictures of reduce, recycle, reuse, SC2.4.1.b: Draw objects that appear to move in the sky)	SC2.1.1.f	P					
	Mathematics	Use appropriate mathematics in all aspects of scientific inquiry (SC2.2.1: sorting by physical properties)	SC2.1.1.g	P					
Earth	Motion of Objects in the Solar System	Identify objects that appear to move in the sky (sun, moon, stars)	SC2.4.1.b	M	1st Quarter				
	Energy Sources	Observe that the sun provides heat and light	SC2.4.3.a	M	1st Quarter				
	Use of Earth Materials	Elaborate on specific ways to prevent pollution and waste, Clarify causes/effects of pollution and waste	SC2.4.2.b	I	4th Quarter				
	Use of Earth Materials	Explain the purpose of recycling, reducing, and reusing	SC2.4.2.b	I	4th Quarter				

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Physical	Properties and Structures of Matter	Observe physical properties of objects (freezing/melting, sinking/floating)	SC2.2.1		2nd Quarter				
	Properties and Structures of Matter	Sort by physical properties above and including previous	SC2.2.1	I	2nd Quarter				
	Properties and Structures of Matter	Measure physical properties (thermometer)	SC2.2.1.c	I	2nd Quarter				
	Sounds/ Mechanical Waves	Identify high/low and loud/soft sounds *covered in music	SC5.2.3.a	I	3rd Quarter				
	Heat	Identify ways to create heat (friction, burning, incandescent light bulbs, sun)	SC5.2.3.d	I	3rd Quarter				
Life	Characteristics of Life	Compare and contrast characteristics of living and nonliving things	SC5.3.1.a	P	4th Quarter				
	Characteristics of Living Organisms	List the needs of living things - water, food, air, space, shelter	SC2.3.1.b	I	4th Quarter				
	Characteristics of Living Organisms	Identify plant and animal parts (review) and identify how they meet the basic needs (roots carry water, fur keeps a dog warm, legs are for movement)	SC2.3.1.b	I	4th Quarter				
	Personal Health	Identify different kinds of teeth and their purpose		I-M	3rd Quarter				