

Science Curriculum Grade 1st  
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 (SC5.3.2.b: plant seeds, measure growth)	SC2.1.1.b	P					
	Scientific Tools	Select and use simple tools appropriately (SC2.2.1.c: measure using balance, ruler)	SC2.1.1.c	P					
	Scientific Observations	Describe objects, organisms, or events using pictures, words, and numbers (SC5.3.2.b: Draw and label life cycle of plants and animals)	SC2.1.1.d	P					
	Scientific Data Collection	Collect and record observations (SC2.4.2.b: graphing reduce, recycle, reuse, SC5.3.2: graph plant growth)	SC2.1.1.e	P					
	Scientific Communication	Use drawings and words to describe and share observations with others (SC2.4.2.b: draw pictures of things you can reduce, recycle, reuse)	SC2.1.1.f	P					
	Mathematics	Use appropriate mathematics in all aspects of scientific inquiry (SC2.2.1.c: standard and nonstandard measurement)	SC2.1.1.g	P					
Earth and Space	Properties of Earth Materials	Identify and describe Earth's surface materials including sand, soil, rocks, and water	SC2.4.2.a	I	spring				
	Use of Earth Materials	Identify ways people can conserve resources by reducing, recycling, and reusing (a list)	SC2.4.2.b	I	spring				
	Weather and Climate	Describe seasonal weather and how it affects students' choices in activities and clothing	SC2.4.3.c	P	spring				

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Physical	Properties and Structure of Matter	Observe physical properties of objects (texture, weight)	SC2.2.1	I	fall				
	Properties and Structure of Matter	Sort by physical properties above and including previous	SC2.2.1	I	fall				
	Properties and Structure of Matter	Measure physical properties using standard and nonstandard (balance ruler etc.) * covered in math	SC2.2.1.c	P					
	Motion	State motion of an object (faster, slower, zig-zag, straight, round and round, back and forth) *reinforce in P.E.	SC2.2.2.b	M					
Life	Characteristics of Life	Identify if something is living or nonliving	SC2.3.1.a	I	winter				
	Characteristics of Living Organisms	Identify basic needs of all living things - water, food, air, space, shelter	SC2.3.1.b	I	winter				
	Characteristics of Living Organisms	Identify external parts of animals (coverings - fur, scales, body parts)	SC2.3.1.c	I	winter				
	Characteristics of Living Organisms	Identify animal habitats (desert, forest, ocean etc.)	SC2.3.1.d	I	winter				
	Characteristics of Living Organisms	Categorize plants and animals to their habitats	SC2.3.1.d	I	winter/spring				
	Inherited Traits	Describe how offspring resemble their parents (match kitten to cat)	SC.3.2.a	I	winter				

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	Reproduction	Identify the life cycle of a plant and animal (seed-sprout-plant-flower, egg-baby-adult)	SC5.3.2.b	I	winter/ spring				
	Reproduction	Describe how living things change as they grow (see how offspring resemble parents and plant life cycle)	SC5.3.2.b	I	winter				
	Personal Health	Identify proper care of teeth methods (dental visits, proper brushing, limit sugar)		I-M					