

Science Curriculum Grade K
Cross County School

Science Skill	Concept	District Objective	Curricular Indicator	Performance Level	Pacing	Instructional Materials/Class Activities	Intervention	Assessment Local
Inquiry	Scientific Questioning	Students will ask questions and conduct investigations that lead to observations and communication of findings.	SC2.1.1	I				
	Scientific Questioning	Ask questions that relate to a science topic	SC2.1.1.a	I				
	Scientific Investigations	Conduct simple investigations	SC2.1.1.b	I				
	Scientific Tools	Select and use simple tools appropriately (SC2.2.1.c using a balance scale- nonstandard units, SC2.4.3.b: using a thermometer to observe daily changes in weather)	SC2.1.1.c	I				
	Scientific Observations	Describe objects, organisms, or events using pictures, words, and numbers (SC2.3.1.c: Draw pictures of the parts of a plant and label plant parts)	SC2.1.1.d	I				
	Scientific Data Collection	Collect and record observations (Personal Health: Sort and graph healthy and unhealthy foods, SC2.4.3.b: graph weather, SC2.4.3.c: graph temperature)	SC2.1.1.e	I				
	Scientific Communication	Use drawings and words to describe and share observations with others (SC2.3.4.a: Draw pictures of trees in different seasons, SC2.4.3.c: Draw pictures of the seasons)	SC2.1.1.f	I				
	Mathematics	Use appropriate mathematics in all aspects of scientific inquiry (SC2.2.1, SC2.2.1.c, SC2.2.2.a)	SC2.1.1.g	I				
Earth and Space	Objects in the Sky and Universe	Identify objects in the sky such as sun, moon, and stars and tell when you can see them	SC2.4.1.a	M	1st quarter			
	Weather and Climate	Observe and describe simple daily changes in weather	SC2.4.3.b	M	All year			
	Weather and Climate	Describe seasonal weather indicators and how they affect clothing choices or activities	SC2.4.3.c	I	All year			

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Physical	Properties and Structure of Matter	Observe physical properties of objects color, shape, size	SC2.2.1	M	1st Quarter			
	Properties and Structure of Matter	Sort by physical properties above.	SC2.2.1	M	1st Quarter			
	Properties and Structure of Matter	Measure physical properties using non-standard units (ex. Measure with paperclips) *Covered in math	SC2.2.1.c	I	All Year			
	Motion	State the position of an object (in front of, behind, between, over, under, faster, slower, forward, backward, up, down)	SC2.2.2.a	M	1st Quarter			
Life	Characteristics of Living Organisms	Identify external parts of plants (flower, stem, roots, seed, leaf)	SC2.3.1.c	M	4th quarter			
	Biological Adaptations	Identify seasonal changes in plants and animals (hibernation, fur grows longer, leaves fall from trees) (Project learning tree covers plants)	SC2.3.4.a	I	All year			
	Personal Health	Categorize healthy foods and unhealthy foods		I	1st quarter			
	Personal Health	Identify parts of the body.		M	1st quarter			