

Science Curriculum Grade 6th
Cross County School

Science Skill	Concept	District Objective	Curricular Indicator	Performance Level	Pacing	Instructional Materials/ Class Activities	Intervention	Assessment Local	Assessment NeSA
	Matter	Compare and contrast elements, compounds, and mixtures.	SC8.2.1.a						
	Matter	Investigate the history and components of the periodic table of the elements.	SC8.2.1.a						
	Matter	Compare and contrast types of elements and groups of elements.	SC8.2.1.a						
	Matter	Differentiate physical and chemical properties of matter.	SC8.2.1.b						
	Matter	Classify solids, liquids, and gases.	SC8.2.1.c						
	Matter	Identify what causes changes of state. Kinetic Theory	SC8.2.1.c						
	Matter	Compare and contrast solids, liquids, and gases based on their properties.	SC8.2.1.d						
	Matter	Distinguish between physical and chemical changes.	SC8.2.1.e						
	Matter	Predict conservation of matter in physical and chemical changes.	SC8.2.1.f						
	Matter	Classify substances based on physical properties.	SC8.2.1.g						
	Energy	Diagram and describe the flow of energy through a food web	SC8.3.3.a						
	Energy	Compare the roles of producers, consumers, and decomposers in an ecosystem.	SC8.3.3.b						
	Energy	Investigate and describe the process of photosynthesis.	SC8.3.3.c						
	Energy	Describe how energy from the sun influences the atmosphere and provides energy for plant growth.	SC8.4.3.a						
	Ecosystems	Distinguish between abiotic and biotic factors in an ecosystem.	SC8.3.3.d						
	Ecosystems	Compare and contrast populations and communities.	SC8.3.3.e						
	Ecosystems	Identify relationships among communities.	SC8.3.3.f						
	Ecosystems	Describe how plants and animals respond to environmental stimuli.	SC8.3.1.e						
	Earth Structure	Describe the rock cycle.	SC8.4.2.f						

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	Earth Structure	Describe the structure of the earth.	SC8.4.2.a						
	Earth Structure	Investigate the structure of soil and soil types.	SC8.4.2.b						
	Earth Structure	Describe evidence of earth's magnetic field.	SC8.4.2.d						
	Earth's Process	Compare and contrast constructive and destructive forces that impact earths surface.	SC8.4.2.e						