

Elementary Science *at a Glance*

Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade
Classify Information Five Senses, Classify the Natural World as Living/ Nonliving/ Plants/ Animals	Engineering Make Observations and Answer Testable Questions, Use Science Tools	Engineering Engineering Design Process, Evaluate Design Solutions	Engineering Engineering Design Process, Evaluate Design Solutions	Engineering Engineering Design Process, Evaluate Design Solutions, Technology and Engineering	Engineering Engineering Design Process, Evaluate Design Solutions, Technology and Engineering
Engineering Design Make Observations and Answer Testable Questions, Use Science Tools	Plants Plant Needs, Structure and Function, Life Cycles	Living Things Animal Classification, Animal Life Cycles	Types of Living Things Structure and Function of Plants and Animals	Interactions of Living Things Flow of Energy in an Ecosystem, Human Impact, Extinction	Structure and Function of Living Things Animal Behaviors and Instincts
Plants and Animals Plant and Animals, Habitats, Heredity	Plant Environments Interdependence, Ecosystems, Adaptations	Habitats Interdependence, Habitat Destruction	Survival of Animals and Plants Adaptations, Heredity	Earth and Its Changing Features Erosion, Weathering, Plate Tectonics, Natural Resources	Traits and Heredity Inherited and Learned Traits, Adaptations
			The Solar System Classify Planets		Learn from the Past Fossil Record, Fossils
Weather Seasonal Weather, Severe Weather Preparation	Earth and Space The Universe, Earth and the Solar System, Seasons	Earth's Surface Landforms, Bodies of Water	Weather and Climate Water Cycle, Weather Prediction, Global Climate, Natural Disasters	The Sun and Earth Earth's Rotation/ Revolution and its Effects on Earth's Surface	The Solar System and Beyond Structures of the Universe, Sun/ Moon/ Earth Relationships, Earth's Rotation/ Revolution, Apparent Brightness
Protecting Our Earth Natural Resources, Pollution	Light Energy Energy Transfer, Properties of Light	Earth's Surface Changes Natural Disasters, Water and Wind Erosion	Matter States of Matter, Physical Properties of Matter	Energy Forms of Energy, Conservation of Energy, Energy Transfer	
Matter and its Interactions Observable Properties of Matter, States of Matter		Forces and Motion Push and Pull, Friction	Magnetic Forces Magnetic Properties and Relationships	Wave Patterns and Information Transfer Sound and Light Energy, Wave Properties	Matter States of Matter, Conservation of Matter, Physical and Chemical Changes
		Sound and Light Energy Light and Sound Properties, Wave Observations	Energy Energy Transfer, Circuits		Forces and Motion Laws of Motion, Factors that Affect Gravity, Patterns of Motion

KEY
Engineering
Life Science
Earth and Space Science
Physical Science



**KNOX COUNTY
SCIENCE**
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