



K-5 Units Overview

	LIFE SCIENCES	EARTH AND SPACE SYSTEMS	PHYSICAL SCIENCE
K	1 Introduction to Plants and Animals <i>Needs and Classification of Living Things, How Living Things Interact with the Environment</i>	2 Sun and Shade <i>Temperature and Shade, Seasons, Weather Forecasting</i>	3 Make It Go! <i>Pushes and Pulls, Introduction to Forces and Motion, Speed</i> 4 Seeing, Hearing, Smelling and Touching Like a Scientist <i>Observing Properties of Materials, Scientific Tools and Practices, Problem Solving</i>
1st	5 Birds, Beaks and Babies <i>Growth and Development of Organisms, Animal Structures and Behaviors, Inheritance and Variation</i> 6 Seeds, Sprouts and Sunshine <i>Plant Needs, Structures and Behaviors, Plant and Animal Interactions</i>	7 Sun and Moon <i>Time, Seasonal Patterns, Relative Position of the Sun, Earth and Moon, Day and Night</i>	8 Putting on a Show with Light and Sound <i>Properties of Sound and Light, Communication Over Long Distances, Coding</i>
2nd	9 Helping Seeds Travel <i>Needs and Parts of Flowering Plants, Biodiversity, Pollination and Seed Dispersal</i>	10 Wind and Water Change the Earth <i>Maps and Globes, Landforms, Bodies of Water, Erosion</i>	11 A Home for a Penguin <i>Properties of Matter, Heating and Cooling Substances</i> 12 Tools of the Trade <i>Paleontology, Scientific Tools and Practices</i>
3rd	13 Adapting to Change <i>Ecosystem Interactions, Social Groups, Fossils, Adaptations, Ecosystem Changes</i> 14 Change Over Time <i>Life Cycles, Inheritance and Variation of Traits, Natural Selection</i>	15 Observing Weather Patterns <i>Weather and Climate, Reducing Impacts of Weather-Related Hazards</i>	16 How Things Move <i>Balanced and Unbalanced Forces, Contact and Non-Contact Forces, Changes in Motion, Types of Interactions</i>
4th	17 Structure, Function and Survival <i>Animal Structures and Behaviors, Information Processing</i>	18 Our Dynamic Earth <i>Maps, Weathering, Erosion, Landforms, Earth's Systems and Changes, Fossils, Plate Motion, Natural Hazards</i>	19 Transfer of Energy and Information <i>Properties of Waves, Light, Sound, Electrical Energy, Communicating with Technology, Coding</i> 20 What Energy Does <i>Energy Transfer, Changes in Energy, Work, Speed, Simple Machines</i>
5th	21 From Sun to Food <i>Matter and Energy in Ecosystems, Food Chains, Plant Needs, Structure and Function, Human Impacts</i>	22 Using Our Resources Wisely <i>Natural Resources, Earth Systems, Renewable and Non-Renewable Energy, Human Impacts</i> 23 Our Place in the Universe <i>Gravity, Parts of the Solar System and Universe, Observable Seasonal Patterns</i>	24 What's Consistent About Matter? <i>States and Properties of Matter, Changes and Interactions of Matter, Mixtures and Solutions, Physical and Chemical Changes</i>
	25 Science in St. Louis <i>Grades 3-5 Integrated Review: Engineering Design, Weather and Climate, Changes in Earth's Surface, Heredity and Variation, Adaptations, Energy and Energy Transfer, Forces and Motion, Waves</i>		