

**OVERVIEW OF SCIENCE SKILLS
FIFTH GRADE**

UNIT CONCEPT - TEKS OBJECTIVE	RESOURCES
Part 1	Study Guide
Safety and Scientific Processes <ul style="list-style-type: none"> • Safety and Scientific Processes • Experimental Design Needs and Interactions <ul style="list-style-type: none"> • Ecosystems and Interactions • Food Chains and Webs • Changes in Ecosystems • Fossils as Evidence Adaptations and Life Cycles <ul style="list-style-type: none"> • Structures and Functions of Plants and Animals • Inherited Traits and Learned Behaviors • Life Science Geology <ul style="list-style-type: none"> • Weathering • Properties of Soil 	Formative Assessment Questions (FAQs) Homework Science Fusion Online Textbook and Supplemental Materials National Geographic online resource Explore Learning Gizmos Internet Resources Electrical Supply Kit
Part 2	Light Boxes
Geology and Weather <ul style="list-style-type: none"> • Erosion and Deposition • Changes to Earth’s Surface (Landforms) • Formation of Sedimentary Rocks and Fossil Fuels • Conservation • Water Cycle • Observing Weather • Weather and Climate Astronomy <ul style="list-style-type: none"> • Planet Order • Earth’s Rotation • Physical Characteristics of the Sun, Earth and Moon • Compare Sun, Earth and Moon 	Lego Kits Modeling Stream Erosion and Deposition Kit Modeling the Moon’s Motion and Phases Kit Design a Swing Kit Design a Skateboard Kit
Part 3	Pendulum Kit
Properties of Matter <ul style="list-style-type: none"> • Classifying Matter • Mixtures and Solutions Forces <ul style="list-style-type: none"> • Forces • Design an Experiment (Force) 	SmartMicroscope District Progress Monitoring and Benchmark Tests
Part 4	Books:
Energy <ul style="list-style-type: none"> • Energy • Circuits • Light • Sound, Thermal, Mechanical • Uses of Energy STAAR Review STEM	<u>The Sun</u> <u>Sally Ride Cool Careers in Science</u> Science Resource Center: Red Wigglers Mammal Skulls Demo Bird Study Skins Demo Planetarium Nature Trails Big Event