

**OVERVIEW OF SCIENCE SKILLS
FIFTH GRADE**

UNIT CONCEPT - TEKS OBJECTIVE	RESOURCES
Part 1	Science Process Kit
Safety and Scientific Process Skills Microscopes Compare Plant and Animal Cells Classify the Five Kingdoms Plants ∅ Types of Seed Plants ∅ Leaf Facts / Trees ∅ Seeds and Flowers	Bird Kit NEED Kit Space Kit Nature Trails
Part 2	Curriculum Guide
Animal Kingdom: Invertebrates and Vertebrates ∅ Birds, Mammals, Fish, Reptiles, and Amphibians ∅ Animal Adaptations ∅ Relationship of Plants and Animals in Food Chains and Webs	Science Resource Center Harcourt Textbook and Supplemental Materials
Part 3	Optical Data Laser Disc
Carbon, Nitrogen, and Water Cycle Biomes Protecting and Preserving Ecosystems Measurement Matter ∅ States of Matter Properties of Matter (Mixtures and Solutions) Physical and Chemical Changes	Houghton Mifflin Computer Software Internet Benchmark Tests
Part 4	Books:
Changes in the Earth's Surface ∅ Layers of the Earth ∅ Erosion and Weathering • Characteristics of Rocks and Minerals Forces, Motion, and Energy Systems ∅ Friction, Magnetism, Gravity, and Motion ∅ Potential and Kinetic Energy ∅ Electrical Energy ∅ Light and Sound	<u>The Space Shuttle</u> <u>What is a Biome?</u> <u>What is a Bird?</u> <u>What is the Animal Kingdom?</u> <u>Rocks and Minerals</u>
Part 5	
Energy Systems ∅ Six Forms of Energy (NEED) ∅ Sources of Energy (NEED) ∅ Conserving Energy	
Part 6	
Space • Rockets and the Space Shuttle • Earth and Moon Models • Apollo Mission Research	