

**OVERVIEW OF SCIENCE SKILLS
THIRD GRADE**

| UNIT CONCEPT - TEKS OBJECTIVE | RESOURCES |
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| Part 1 | Study Guide |
| Think Like a Scientist <ul style="list-style-type: none"> • Safety • Scientific Practices • Scientific Tools Energy Systems <ul style="list-style-type: none"> • Using mechanical, thermal, light and sound energy in daily life Matter <ul style="list-style-type: none"> • Properties of Matter • Classifying Matter • Changing Matter • Mixtures | Formative Assessment Questions (FAQs) Homework Science Fusion Online Textbook and Supplemental Materials National Geographic online resource Explore Learning Gizmos |
| Part 2 | Internet Resources |
| Forces and Machines <ul style="list-style-type: none"> • Forces: Changing the Motion and Position of Objects • Gravity, Friction, and Magnetism • Using Tools to Change Objects' Motion and Position • Nature Trails: Tools to Change Objects' Motion and Position Weather <ul style="list-style-type: none"> • Measuring and Recording Weather Geology <ul style="list-style-type: none"> • Landforms • Rapid Changes to Earth's Surface • Soil • Resources • Conservation of Resources | Design a Simple Machine Kit (Lighten Up) Pendulum Kit District Progress Monitoring Tests Books: <u>Life Cycle of a Frog</u> Science Resource Center: Pulley Play Kit Take it Easy Kit |
| Part 3 | Pillbugs |
| Astronomy <ul style="list-style-type: none"> • Sun as a Star • Earth, Sun and Moon Relationships • Planet Order Needs and Interactions <ul style="list-style-type: none"> • Ecosystems • Surviving In Ecosystems with Adaptations | Tadpoles Mealworms Amphibian Demo Arthropod Demo Nature Trails Big Event – Forces and Motion activities |
| Part 4 | |
| Needs and Interactions <ul style="list-style-type: none"> • Food Chains and Changes • Changes to Ecosystems Structures and Functions, Life Cycles <ul style="list-style-type: none"> • Structures and Functions • Life Cycles | |