

# St. Therese Year-at-a-Glance Curriculum

## Subject: 6<sup>th</sup> Grade Science

Focus: Science & Inquiry

Textbook: Science Fusion

Other Resources: [www.quizlet.com](http://www.quizlet.com) [www.masteryconnect.com](http://www.masteryconnect.com) [www.brainpop.com](http://www.brainpop.com) [www.thinkcentral.com](http://www.thinkcentral.com)

| Trimester 1 (August – November)  | Trimester 2 (November – March)  | Trimester 3 (April – June)  |
|--|---|---|
| <ol style="list-style-type: none"><li>1. How Scientists Work<ol style="list-style-type: none"><li>a. What is science?</li><li>b. the natural world</li><li>c. types of investigations</li><li>d. controlled experiments</li><li>e. tools and observations</li></ol></li><li>2. The Engineering Process<ol style="list-style-type: none"><li>a. the Design Process</li><li>b. design solutions to problems</li><li>c. how technology improves lives</li><li>d. Engineering to solve problems</li></ol></li><li>3. Atoms and the Periodic Table<ol style="list-style-type: none"><li>a. electrons and chemical bonds</li><li>b. ionic, covalent &amp; metallic bonds</li></ol></li><li>4. Cells To Body Systems<ol style="list-style-type: none"><li>a. cells and observing cells</li><li>b. systems: bones, muscles, blood</li><li>c. digestion, wastes and messages</li><li>d. homeostasis</li></ol></li></ol> | <ol style="list-style-type: none"><li>1. Changes To The Earth Surface<ol style="list-style-type: none"><li>a. weathering and erosion</li><li>b. water changing Earth's surface</li><li>c. plate tectonics</li><li>d. convergent, divergent &amp; transform boundaries</li><li>e. earthquakes and volcanoes</li></ol></li><li>2. The Rock Cycle<ol style="list-style-type: none"><li>a. minerals</li><li>b. properties of minerals</li><li>c. rock classification</li><li>d. changes in the rock cycle</li></ol></li><li>3. Fossils<ol style="list-style-type: none"><li>a. What are fossils?</li><li>b. What was ancient Earth like?</li><li>c. How can scientists use fossils?</li></ol></li></ol> | <ol style="list-style-type: none"><li>1. Matter<ol style="list-style-type: none"><li>a. solids, liquids &amp; gasses</li><li>b. how does water change?</li><li>c. physical and chemical changes</li><li>d. mixtures and solutions</li><li>e. the Atomic Theory</li></ol></li><li>2. Forces and Motion<ol style="list-style-type: none"><li>a. What are forces?</li><li>b. How do forces affect motion?</li><li>c. balanced and unbalanced forces</li><li>d. Newton's laws of motion</li></ol></li><li>3. Solar System and the Universe<ol style="list-style-type: none"><li>a. What objects make up the solar system?</li><li>b. How do scientists observe objects in the solar system?</li><li>c. What are stars and galaxies?</li></ol></li></ol> |

