

St. Therese Year-at-a-Glance Curriculum

Subject: 7th and 8th Grade Science

Focus: Science & Inquiry

Textbook: Science Fusion

Other Resources: www.quizlet.com www.masteryconnect.com www.brainpop.com

Trimester 1 (August – November)	Trimester 2 (November – March)	Trimester 3 (April – June)
<ol style="list-style-type: none">1. Matter and Change<ol style="list-style-type: none">a. properties of matterb. physical and chemical changesc. mixtures and solutionsd. states of matter2. Energy<ol style="list-style-type: none">a. temperatureb. thermal energy and heatc. energy transfer3. Atoms and the Periodic Table<ol style="list-style-type: none">a. electrons and chemical bondsb. ionic, covalent & metallic bonds4. Chemical Reactions<ol style="list-style-type: none">a. organic chemistryb. nuclear reactions5. Solutions, Acids and Bases<ol style="list-style-type: none">a. Solutionsb. acids and basesc. measuring pH	<ol style="list-style-type: none">1. The Human Body<ol style="list-style-type: none">a. human body systemsb. skeletal systemc. muscular systemd. circulatory systeme. digestive and excretory systemsf. nervous and endocrine systemsg. reproductive systems2. Human Health<ol style="list-style-type: none">a. immune systemsb. infectious diseasesc. nutrition and fitness2.The Effects of Drugs and Alcohol<ol style="list-style-type: none">a. stimulantsb. depressantsc. designer drugsd. refusal skills	<ol style="list-style-type: none">1. Earth's surface<ol style="list-style-type: none">a. Earth's spheresb. weatheringc. erosion & deposition by waterd. erosion & deposition by winde. soil formation2. Earth's History<ol style="list-style-type: none">a. geologic change over timeb. relative and absolute datingc. geologic timescale3. Minerals and Rocks<ol style="list-style-type: none">a. mineralsb. the rock cyclec. three classes of rock4. The Restless Earth<ol style="list-style-type: none">a. Earth's layersb. plate tectonicsc. mountain buildingd. volcanos and earthquakes