

Course Title: MIDDLE SCHOOL SCIENCE A	Course Description
<p>Course No. N/A Grade level: 7-8</p> <p>Text and Resources: A. <i>Science and Technology, Life Science</i> B. <i>Concepts and Challenges in Life Science</i> C. <i>Concepts and Challenges in Earth Science</i> D. <i>Science and Technology, Earth Science</i> E. <i>Physical Science, AGS</i> F. <i>Science Explorer: Physical Science</i> G. <i>Science and Technology, Physical Science</i> H. <i>Concepts and Challenges in Physical Science</i></p>	<p>*Course Value: One Semester</p> <p>Credit Value: One Course</p>
<p>Course Content: Key Content Standards and Course Objectives</p>	<p>This course will integrate many of the Science content standards for grades 7 and 8, which include the life and physical sciences. This course outline reflects the Grades 7/8 <i>Sequenced Pattern of Instruction</i>.</p>
<p>The following objectives are based on the Grades 7 and 8 Science Content Standards:</p> <p><u>Life Science</u></p> <ol style="list-style-type: none"> 1. Structure and function of living things (7.5) 2. Physical principals in living systems (7.6) 3. Cell Biology (7.1) <p><u>Physical Science</u></p> <ol style="list-style-type: none"> 1. The structure of matter (8.3) 2. The Periodic Table (8.7) 3. Chemistry of living things (8.6) 4. Reactions (8.5) <p><u>Investigation and Experimentation</u></p> <p>Students will ask meaningful questions and conduct careful investigations addressing the content of the above Life Science standards.</p> <p>Students should be develop their own questions and perform investigations (7.7a-e, 8.9a-g).</p>	<p>The study of life science provides a knowledge base upon which students can make well-informed decisions about their own health and behavior. A foundation in modern biological sciences is also essential for the adolescent as it is required for many career fields.</p> <p>Mastery of the eighth grade physical science content will greatly enhance the ability of students to succeed in high school science classes.</p> <p>*Open entry/open exit</p>
<p>Methods of Study</p>	<p>Evaluation of Performance Standards</p>
<ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<ol style="list-style-type: none"> 1. Students will complete all assignments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student's work. 3. The student must receive a minimum score of 70% on a teacher assigned final evaluation.