

Course Title: MIDDLE SCHOOL SCIENCE B	Course Description
<p>Course No. N/A Grade level: 7-8</p> <p>Text and Resources: <i>A. Science and Technology, Life Science</i> <i>B. Concepts and Challenges in Life Science</i> <i>C. Concepts and Challenges in Earth Science</i> <i>D. Science and Technology, Earth Science</i> <i>E. Physical Science, AGS</i> <i>F. Science Explorer: Physical Science</i> <i>G. Science and Technology, Physical Science</i> <i>H. 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 <i>Grades 7/8 Sequenced Pattern of Instruction</i>.</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>The following objectives are based on the Grades 7 and 8 Science Content Standards:</p> <p><u>Life Science</u> 1. Genetics (7.2) 2. Evolution (7.3) 3. Evolution (7.3) 4. Earth and Life History (7.4)</p> <p><u>Physical Science</u> 1. Motion (8.1) 2. Forces (8.2) 3. Density and Buoyancy (8.0) 4. Earth in the Solar System (8.4)</p> <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>Methods of Study</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. 	<p>Evaluation of Performance Standards</p> <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.