

## General Course Information

<b>Course Name: Applied Science</b>	
Department: Science	Grade Level(s): 9th Grade
Duration/Credits: 1 year/1 credit	Prerequisites: None
BOE Approval Date: December 2022	Course Code
<b>Course Description:</b>	
<p>In this course, students will engage in real-world content from physical science, life science, and Earth science to build their understanding of how scientists gather information to learn more about the natural world around us. Students will engage in hands-on learning experiences that emphasize scientific processes such as interpreting data, constructing scientific explanations, and improving scientific literacy to better understand science in our everyday lives.</p>	
<b>Course Rationale:</b>	
<p>This course provides students with the skills that will help them be successful in their future science courses as well as gain impactful life skills.</p>	
<b>Course Objectives:</b>	
<ol style="list-style-type: none"><li>1. The student will be able to read and analyze the key components within an experiment or model. (A + Reading)</li><li>2. The student will be able to select data from a graph, analyze the data, and translate it into an organized model to verbally present. (A + Speaking)</li><li>3. The student will be able to understand, write, and carry out the proper steps found within an experiment. (A + Writing)</li></ol>	
<b>Standards Alignment:</b>	

## Priority Standards

**HS-ETS1-1** Analyze a major global challenge to specify qualitative and quantitative criteria and constraints for solutions that account for societal needs and wants.