
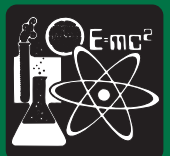




Standards for Success

Standard	 <p>Reading / Writing</p>	 <p>Mathematics</p>	 <p>Science</p>
1	<p>Reading Comprehension — Students read and understand a variety of materials.</p>	<p>Number Sense — Students develop number sense, understand and use appropriate math vocabulary, understand and use numbers and number relationships in problem-solving situations, and communicate the reasoning used in solving these problems.</p>	<p>Scientific Process — Students understand the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.</p>
2	<p>Oral and Written Communication — Students write and speak for a variety of purposes.</p>	<p>Algebraic Concepts — Students use algebraic methods to explore, model, and describe patterns and functions involving numbers, shapes, data, and graphs in problem-solving situations and communicate the reasoning used in solving these problems.</p>	<p>Physical Science — Students know and understand common properties, forms, and changes in matter and energy.</p>
3	<p>Oral and Written Conventionality — Students write and speak using formal grammar, usage, sentence structure, punctuation, capitalization, and spelling.</p>	<p>Data Analysis Including Probability and Statistics — Students use data collection and analysis, statistics, and probability in problem-solving situations and communicate the reasoning used in solving these problems.</p>	<p>Life Science — Students know and understand the characteristics and structure of living things, the processes of life, and how living things interact with each other and their environment.</p>
4	<p>Higher-Level Thinking Skills — Students apply thinking skills to their reading, writing, speaking, listening, and viewing.</p>	<p>Geometric Concepts — Students develop spatial sense and use geometric concepts, properties, and relationships in problem-solving situations and communicate the reasoning used in solving these problems.</p>	<p>Earth and Space Science — Students know and understand the processes and interactions of Earth's systems and the structure and dynamics of Earth and other objects in space.</p>
5	<p>Research — Students read to locate, select, evaluate, and make use of relevant information from a variety of media, reference, and technological sources.</p>	<p>Measurement — Students use a variety of tools and techniques to measure, apply the results in problem-solving situations, and communicate the reasoning used in solving these problems.</p>	<p>Relationships — Students know and understand interrelationships among science, technology, and human activity in the past, present, and future and how they can affect the world.</p>
6	<p>Literature to Understand Human Experience — Students read and recognize literature as a record of human experience.</p>	<p>Computation — Students link concepts and procedures as they develop and use computational techniques, including estimation, mental arithmetic, paper and pencil, calculators, computers, and other manipulatives in problem-solving situations and communicate the reasoning used in solving these problems.</p>	<p>Connections — Students understand that science involves a particular way of knowing and understand common connections among scientific disciplines.</p>
7	<p>Technology — Students use appropriate technologies to extend comprehension and communication skills in reading, writing, speaking, listening, and viewing.</p>	<p>Technology — Students understand and use appropriate technologies to perform mathematical constructions and computations, simulate mathematical experiences, and access, process, and communicate information related to the application of mathematics in problem-solving situations.</p>	<p>Technology — Students use appropriate technologies to facilitate understanding of scientific concepts, communicate scientific information, and conduct scientific inquiry.</p>