

Organizational elements	
New BVSD/Colorado Academic Standards	Old 2009 BVSD Curriculum Essentials Documents
Prepared Graduate Competencies	Program level Enduring Understandings
Standard	Standard
High School Expectations Grade Level Expectations	Essential Learnings
Evidence Outcomes	Knowledge, Skills, Topics, Processes, Concepts
Inquiry Questions	Unit level Essential Questions
Content area	Content area
Example: Science	Example: Science
Standard	Standard
Example: Physical Science	Example: Physical Science -Students know and understand common properties, forms, and changes in matter and energy.
Prepared Graduates: The P-12 concepts and skills that all students leaving the Colorado education system must have to ensure success in a postsecondary and workforce setting. Example: Apply an understanding that energy exists in various forms, and its transformation and conservation occur in processes that are predictable and measurable	Enduring Understandings: Enduring understandings are specific inferences, based on big ideas that have lasting value beyond the classroom. They are full-sentence statements that describe specifically what students will understand about the topic. Example: Energy occurs in different forms and is necessary to do work or to cause change
Grade Level Expectations: The articulation, at each grade level, the concepts and skills of a standard that indicates a student is making progress toward being ready for high school (or if in high school - making progress toward being a prepared graduate)	Essential Learnings: Essential Learnings are the backbone of a guaranteed viable curriculum. Essential Learnings are aligned with standards and articulate the skills, content, and concepts determined to be non-negotiable areas of proficiency attainment by all students so that they are prepared for the next year/level of education. The Essential Learnings are the mandated curriculum of the Boulder Valley School

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<p>Example: When energy changes form, it is neither created nor destroyed; however, because some is necessarily lost as heat, the amount of energy available to do work decreases</p>	<p>District and form the basis upon which summative assessments are created.</p> <p>Example: Explains that energy can be transferred or transformed through a variety of mechanisms, and that, in any change, some energy is lost through transformation into heat</p>
<p>Evidence Outcomes: Evidence outcomes are the indication that a student is meeting an expectation at the mastery level.</p> <p>Example: Use direct and indirect evidence to develop and support claims about the conservation of energy in a variety of systems, including transformations to heat</p>	<p>Essential Knowledge, Skills, Topics, Processes and Concepts: The topics, skills, processes, and concepts clarify the Essential Learnings, describe indicators of achievement, and inform the selection of formative and summative assessments.</p> <p>Example: Explain that in any transfer or transformation of energy, some of the energy is transformed into heat.</p>
<p>Inquiry Questions: Sample questions intended to promote deeper thinking, reflection and refined understandings precisely related to the grade level expectation.</p> <p>Example: Why is 100 percent efficiency impossible in an energy transformation?</p>	<p>Essential Questions: An Essential Question lies at the heart of a subject or a curriculum (as opposed to being either trivial or leading) and promotes inquiry and uncoverage of a subject. Essential questions do not yield a single answer, but produce different plausible responses, about which thoughtful and knowledgeable people may disagree. An essential question can be overarching, grade level specific, or unit specific in scope.</p> <p>Example: Where does the energy come from to supply power to the electrical devices in our homes (e.g., lights, television, computer), and why are none of these devices 100% energy efficient?</p>
<p>Relevance and Application: Examples of how the grade level expectation is applied at home, on the job or in a real-world, relevant context.</p>	<p>?</p>
<p>Nature of the Discipline: The characteristics and viewpoint one keeps as a result of mastering the grade level expectation</p>	<p>?</p>

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