

## Eighth Grade State Performance Standards

<b>E1 – E3 Science and Technology</b>	<p><b>SE</b> Students develop an understanding of the relationships among science, technology, and society.</p> <p><b>SE1</b> Students develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events.</p> <p><b>SE2</b> Students develop an understanding that solving problems involves different ways of thinking, perspectives, and curiosity that lead to the exploration of multiple paths that are analyzed using scientific, technological, and social merits.</p> <p><b>SE3</b> Students develop an understanding of how scientific discoveries and technological innovations affect and are affected by our lives and cultures.</p>
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<b>Grade Level Expectations</b>	<b>KGBSD Student Objectives</b>
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<p><b>The student demonstrates an understanding of how scientific discoveries and technological innovations affect our lives and society by:</b></p> <p>[8] SE3.1 <u>predicting the possible effects of a recent</u> scientific discovery, invention, or scientific breakthrough. (L)</p>	<p>K – SE3.1 recognizing that new ideas in science often spring from unexpected findings, and they usually lead to new investigations.</p> <p>K – SE3.2 understanding that often the products of science and technology are accepted and used by society before their real benefits, or the problems caused by their use, are fully known.</p> <p>K – SE3.3 telling how new technologies increase some risks and decrease others.</p>
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