

**Content Standard C  
Eighth Grade Level  
Communication**

*Students express, discuss and use mathematical ideas using a variety of methods; relate mathematical terms to everyday language; develop, test and defend mathematical hypotheses.*

State Mathematics Performance Standards 6 <sup>th</sup> -8 <sup>th</sup>	KGBSD Performance Standards	State Grade Level Expectations (GLE's)
<p>M8.3.1 Use math vocabulary, symbols, and notation to represent information in the problem.</p> <p>M8.3.2 Represent a problem numerically, graphically, and symbolically; translate among these alternative representations.</p> <p>M8.3.3 Use appropriate vocabulary, symbols, and technology to explain, justify, and defend mathematical solutions.</p>	<p>1.1 Read about or watch presentations of mathematical ideas and summarize using math vocabulary, symbols and notation</p> <p>2.1 Represent problems numerically graphically or symbolically and translate between these representations</p> <p>3.1 Use math vocabulary, symbols, technology, and notations to explain, justify, and defend mathematical ideas and solutions</p>	<p><b>Communication (for local assessment)</b> <b>The student communicates his or her mathematical thinking by</b></p> <p><b>[8] PS-3</b> representing mathematical problems numerically, graphically, and/or symbolically, translating among these alternative representations; or using appropriate vocabulary, symbols, or technology to explain, justify, and defend strategies and solutions (M8.3.1, M8.3.2, &amp; M8.3.3)</p>