

Content Standard B
6th Grade Level
Problem Solving

*Students understand mathematical facts concepts, principles, and theories.
They model numbers and their representations, relationships, operations and systems.*

State Mathematics Performance Standards 6 th –8 th	KGBSD Performance Standards	State Grade Level Expectations (GLE's)
<p>M7.2.1 Read and summarize a problem, using mathematical terms and symbols.</p> <p>M7.2.2 Select and apply a variety of strategies including making a table, chart or list, drawing pictures, making a model, and comparing with previous experience to solve problems.</p> <p>M7.2.3 Explain and verify results of the original problem and apply what was learned to new situations.</p>	<p>1.1 Translate real world problems to mathematical expressions and one step equations</p> <p>2.1 Analyze problems, then select and apply appropriate strategies to solve them</p> <p>3.1 Evaluate and justify solutions in writing using appropriate mathematical language</p>	<p><u>Problem Solving (for local assessment)</u> The student demonstrates an ability to problem solve by</p> <p>[6] PS-1 selecting, modifying, and applying appropriate problem solving strategies (e.g., graphing, Venn diagrams, tables, lists, working backwards, guess and check, or extend a pattern) and verifying results (M7.3.2)</p> <p>[6] PS-2 evaluating and interpreting solutions to problems (M7.3.3)</p>