

**Content Standard B
Third Grade Level
Problem Solving**

A student should understand and be able to select and use a variety of problem-solving strategies.

| State Mathematics Performance Standards 3 rd -5 th | KGBSD Student Objectives | Grade Level Expectations GLE's |
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| <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 State the operations and conditions of a stated problem. Explain problems in mathematical terms</p> <p>2.1 Select efficient method of calculation by using the following: Mental estimation, mental arithmetic, calculator, create a table, work backward, concrete materials, build a model, or paper and pencil</p> <p>3.1 Justify why an answer is reasonable and explain the solution process</p> | <p><u>Problem Solving (for local assessment)</u> The student demonstrates an ability to problem solve by</p> <p>[3] PS-1 selecting and applying an appropriate strategy (e.g., guess and check; draw a picture; make a model, extend a pattern) to solve a variety of problems (M7.1.2)</p> |