

CHECKLIST: PROBLEM SOLVING

| Students will: | |
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| <p>1. Identify the problem.</p> <p>a. Typically presented through a problem statement or question.</p> <p>b. Make sure that your students have a clear understanding of what they are expected to find in this stage.</p> | <input type="checkbox"/> |
| <p>2. Think about the problem.</p> <p>a. Use the next stage to ponder the identified problem.</p> <p>b. Ideally, students will develop an imaginary image of the problem at hand during this stage.</p> | <input type="checkbox"/> |
| <p>3. Plan a solution.</p> <p>a. Common problem-solving strategies are: compute; simplify; use an equation; make a model, diagram, table, or chart; or work backwards.</p> | <input type="checkbox"/> |
| <p>4. Carry out the plan.</p> <p>a. Start executing the solution.</p> <p>b. There are possibilities that a plan may not work immediately, do not let students get discouraged.</p> | <input type="checkbox"/> |
| <p>5. Reflect.</p> <p>a. Once a solution has been reached, students should ask themselves the following questions:</p> <ol style="list-style-type: none"> i. Does the answer make sense? ii. Does it fit with the criteria established in step 1? iii. Did I answer the question(s)? iv. What did I learn by doing this? v. Could I have done the problem another way? | <input type="checkbox"/> |

Resource: [Key Tips On Problem Solving Method Of Teaching](#)

