

## Thinking About Thinking: Problem-Solving Tool

<p><b>Make a plan:</b></p> <ul style="list-style-type: none"> <li>• <i>What should I do first?</i></li> <li>• <i>How is this task similar to other tasks I have worked on before?</i></li> <li>• <i>What do I have in my toolbox that might help me with this task?</i></li> </ul>	<p><b>My plan:</b></p>
<p><b>Monitor:</b></p> <ul style="list-style-type: none"> <li>• <i>Am I on the right track?</i></li> <li>• <i>What should I do next?</i></li> <li>• <i>What have I tried so far that has not been helpful in working on this task?</i></li> <li>• <i>Should I try something different?</i></li> <li>• <i>Am I stuck? How do I know?</i></li> <li>• <i>If I'm stuck, have I:</i> <ul style="list-style-type: none"> <li>○ <i>Talked to a friend?</i></li> <li>○ <i>Looked at my book/resources?</i></li> <li>○ <i>Tried a different strategy?</i></li> <li>○ <i>Reread the problem?</i></li> <li>○ <i>Revisited my initial plan?</i></li> <li>○ <i>Tried to solve a simpler, but similar problem?</i></li> <li>○ <i>Tried working backwards?</i></li> </ul> </li> </ul>	<p><b>Strategies I've used to solve the problem:</b></p>
	<p><b>Place in the problem where I was confused, hesitated, or got stuck:</b></p>
	<p><b>Strategies and resources I used to get unstuck:</b></p>
<p><b>Evaluate:</b></p> <ul style="list-style-type: none"> <li>• <i>How well did I do?</i></li> <li>• <i>What could I have done differently?</i></li> <li>• <i>Are there things I still don't understand?</i></li> <li>• <i>What can I do to fix my understandings?</i></li> <li>• <i>How can I use this approach on other tasks?</i></li> <li>• <i>How did I get "unstuck"?</i></li> </ul>	<p><b>Self-evaluation:</b></p>
<p><b>Loop back:</b></p> <ul style="list-style-type: none"> <li>• <i>Did things work out as I expected?</i></li> <li>• <i>Do I need to make a new plan?</i></li> <li>• <i>How will my new plan be different from my old plan?</i></li> </ul>	<p><b>My new plan:</b></p>