

METACOGNITIVE STRATEGIES FOR PROBLEM-SOLVING

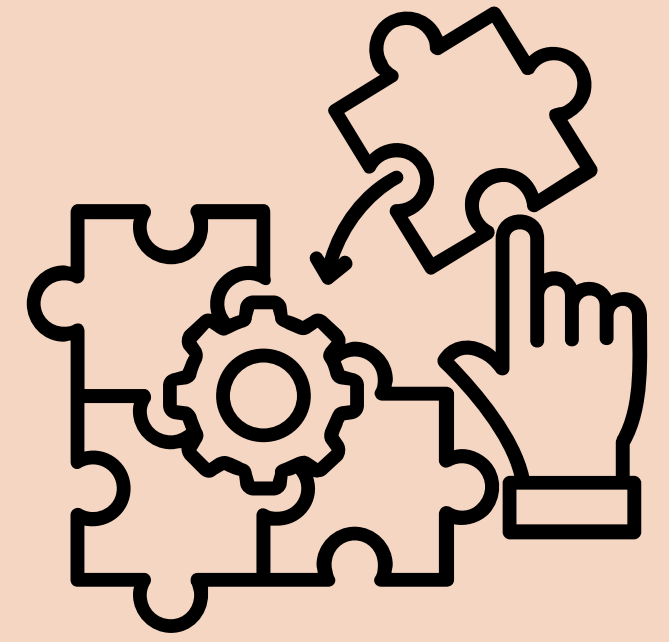
Seven effective tips to develop metacognitive thinking

1. Understand the problem



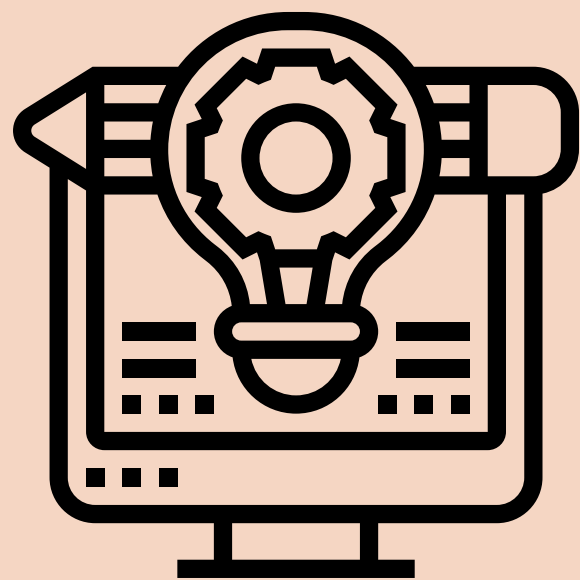
Read the problem carefully and make sure you have a clear understanding of what is being asked.

Use problem-solving strategies



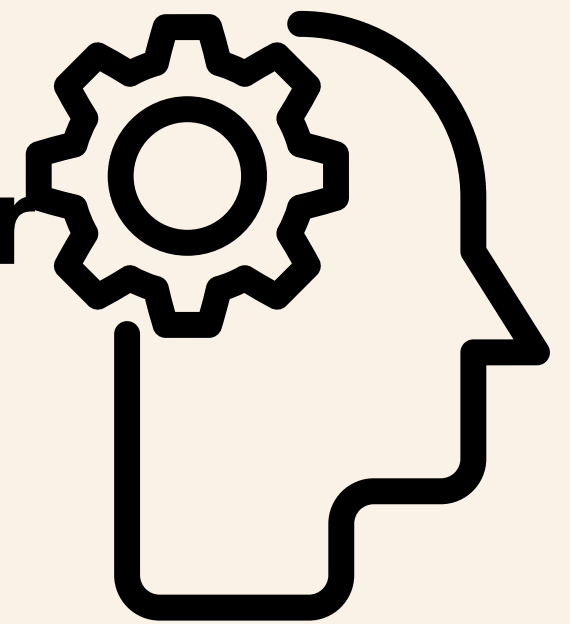
Use different problem-solving strategies like working backward, drawing a diagram, or making a table to organise information.

2. Identify relevant information



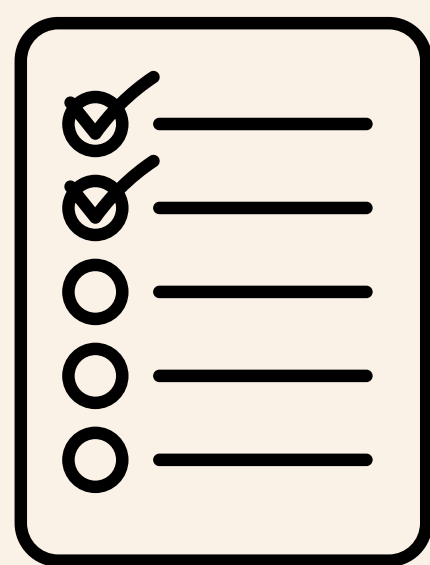
Determine what information is important and relevant to solving the problem. Highlight or underline key details.

Reflect on your process



After solving the problem, reflect on the strategies you used and how effective they were. Consider what you could do differently next time.

3. Plan your approach



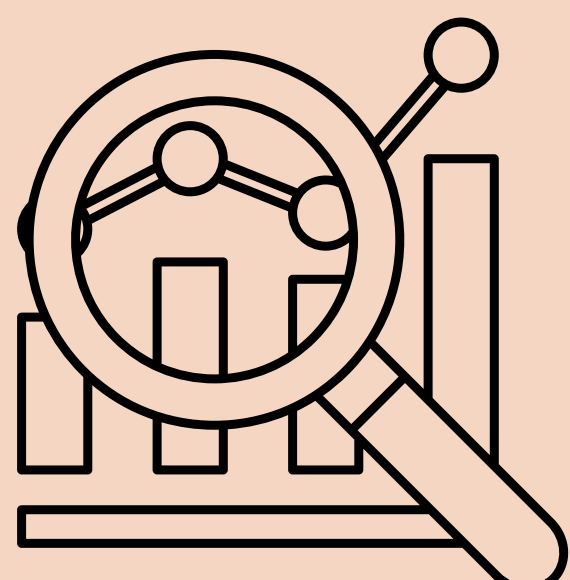
Regularly check your progress and evaluate if your strategy is working. Make adjustments if necessary.

Ask Metacognitive questions



Throughout the problem-solving process, ask yourself questions like: "Am I on the right track? What other strategies can I try?"

Monitor your progress



Develop a step-by-step plan or strategy for solving the problem. Think about the tools or techniques that may be helpful.