

Processes Criteria to Support the Development of Success Criteria

Thinking
Problem Solving
<ul style="list-style-type: none"> • I can/will find the important information in the question to help me understand the problem. • I can/will choose an appropriate strategy. • I can/will make a plan to help me solve the problem • I can/will show all my steps when solving a problem.
Reasoning and Proving
<ul style="list-style-type: none"> • I can/will make predictions about the solution. • I can/will check my solution (answer) using another strategy. • I can/will explain why my solution (answer) makes sense. • I can/will read information in the question to help me solve the problem.
Reflecting
<ul style="list-style-type: none"> • I can/will reflect on my answer to ensure it makes sense. • I can/will reflect and monitor which strategy is appropriate to solve the problem • I can/will share and justify my thinking. • I can/will reflect on my thinking and make connections to math concepts.

Application
Selecting Tools and Computational Strategies
<ul style="list-style-type: none"> • I can/will select and use tools and strategies to help me solve the problem. • I can/will use tools to help me with predictions, mental computations and estimation. • I can/will select and use tools to help me communicate my reasoning. • I can/will select and use tools to test, revise, and confirm my reasoning.
Connecting
<ul style="list-style-type: none"> • I can/will use what I already know in math to help me learn new ideas. • I can/will connect my mathematical understandings to daily situations. • I can/will connect my math learning to other math concepts.

Communication
Representing
<ul style="list-style-type: none"> • I can/will use a model (numbers, manipulatives, graphs, etc.) to represent the problem. • I can/will show my thinking using different representations (numbers, graphs, etc.).
Communicating
<ul style="list-style-type: none"> • I can/will explain my thinking clearly and in an organized way. • I can/will use math symbols and units properly. • I can/will use proper math vocabulary.

Although the processes are organized in groups according to the categories of the Achievement chart, please note that relationships among these ideas are more interrelated and complex than presented.

- Jane Silva, Mathematics/Numeracy Instructional Leader