

Innovative Thinker: By the End of Grade 4

Sharon students will be critical and creative problem solvers by:

- Recognizing that there is a problem that needs to be fixed
- Brainstorming and creating solutions to various problems
- Persevering through a task

Sharon students will think analytically by:

- Collecting information from different places
- Comparing and contrasting information
- Finding patterns and connections between self, text, and world
- Summarizing ideas

Sharon students will engage in curiosity and tinkering by:

- Wondering and asking questions about the world around them
- Manipulating materials to engage in the task at hand

Sharon students will demonstrate originality by:

- Expressing ideas, thoughts, and opinions of their own
- Exploring a task/issue/problem from another perspective
- Integrating ideas from one or more disciplines

Innovative Thinker: By the End of Grade 8

PRMS students will be critical and creative problem solvers by:

- Clearly identifying a problem, need, or idea from various and reputable sources (i.e. primary sources, scientific text)
- Analyzing a problem to explore a need for improvement
- Developing solutions to a problem at hand
- Recognizing limitations or constraints in developing real-world solutions
- Persevering through a task by overcoming setbacks

PRMS students will think analytically by:

- Collecting information from various and reputable sources that applies to a question asked or problem posed
- Comparing and contrasting sources based on values, reliability, bias etc.
- Finding patterns and connections between self, text, and world and applying them to situations
- Synthesizing and articulating ideas to develop an innovation

PRMS students will engage in curiosity and tinkering by:

- Categorizing and generating relevant questions about a situation, phenomena, or prompt
- Wondering and inquiring about both concrete and abstract thoughts
- Manipulating materials to create a deeper understanding of the task at hand
- Capitalizing on opportunities presented to foster curiosity

PRMS students will demonstrate originality by:

- Developing ideas, thoughts, and opinions of their own
- Analyzing a task/issue/problem from more than one perspective
- Analyzing solutions or products to determine their efficacy or value
- Integrating ideas from multiple disciplines

Innovative Thinker: By the End of Grade 12

RHS students will be critical and creative problem solvers by:

- Clearly identifying a problem, need, or idea from various and reputable sources (i.e. primary sources, scientific journals)
- Analyzing a problem to discern the specific need for improvement
- Developing solutions that have potential to add significant value to a situation or problem at hand
- Accounting for limitations or constraints in developing real-world solutions
- Persevering through a task by overcoming setbacks & redesigning a solution

RHS students will think analytically by:

- Collecting information from various and reputable sources that applies to a question asked or problem posed
- Evaluating reliability and bias of sources
- Finding patterns and connections between self, text, and world and applying them to new situations
- Synthesizing ideas to strengthen an existing innovation (i.e. "Is this the best solution?" UBD)

RHS students will engage in curiosity and tinkering by:

- Generating critically relevant questions about a situation, phenomena, or prompt
- Wondering and inquiring about both concrete and abstract thoughts
- Manipulating and build materials to create a deeper understanding of the task at hand

- Capitalizing on opportunities presented to foster curiosity

RHS students will demonstrate originality by:

- Articulating and expressing ideas, thoughts, and opinions of their own
- Analyzing a task/issue/problem from multiple perspectives
- Developing effective solutions or products that have not been previously made
- Integrating ideas from multiple disciplines into a solution or product