

MATHEMATICS 6				
Curricular Competencies	Patterns	Financial Literacy	Volume and Capacity	Transformations and Line Graphs
<b>Reasoning and Analyzing</b>				
Use logic and patterns to solve puzzles and play games	x	x		
Use reasoning and logic to explore, analyze and apply mathematical ideas		x		x
Estimate reasonably		x	x	
Demonstrate and apply mental math strategies		x		
Use tools or technology to explore and create patterns and relationships, and test conjectures	x		x	x
Model mathematics in contextualized experiences	x		x	x
<b>Understanding and Solving</b>				
Apply multiple strategies to solve problems in both abstract and contextualized situations		x	x	x
Develop, demonstrate, and apply mathematical understanding through play, inquiry, and problem solving	x	x	x	x
Visualize to explore mathematical concepts	x	x		

Engage in problem-solving experiences that are connected to place, story, cultural practices and perspectives relevant to local First Peoples communities, the local community, as well as other cultures	x			
<b>Communicating and Representing</b>				
Use mathematical vocabulary and language to contribute to mathematical discussions		x	x	
Explain and justify mathematical ideas and decisions		x	x	x
Communicate mathematical thinking in many ways		x	x	x
Represent mathematical ideas in concrete, pictorial, and symbolic forms	x	x	x	x
<b>Connecting and Reflecting</b>				
Reflect upon mathematical thinking	x	x	x	x
Connect mathematical concepts to each other, and to other areas and personal interests	x	x		
Use mathematical arguments to support personal choices		x		
Incorporate First Peoples worldviews and perspectives to make connections to mathematical concepts	x			x