

# Grade 5 Math

# Curricular Competencies

Big Ideas	Curricular Competencies															
	Reasoning and Analyzing					Understanding and Solving					Communicating & Representing				Connecting and Reflecting	
	Use reasoning to explore and make connections	Estimate reasonably	Develop mental math strategies and abilities to make sense of quantities	Use technology to explore mathematics	Model mathematics in contextualized experiences	Develop, demonstrate, and apply mathematical understanding through play, inquiry, and problem solving	Visualize to explore mathematical concepts	Develop and use multiple strategies to engage in problem solving	Engage in problem-solving experiences that are connected to place, story, cultural practices, and perspectives relevant to local First Peoples communities, the local community, and other cultures	Communicate mathematical thinking in many ways	Use mathematical vocabulary and language to contribute to mathematical discussions	Explain and justify mathematical ideas and decisions	Represent mathematical ideas in concrete, pictorial, and symbolic forms	Reflect on mathematical thinking	Connect mathematical concepts to each other and to other areas and personal interests	Incorporate First Peoples worldviews and perspectives to make connections to mathematical concepts
Content	number concepts to 1 000 000															
	decimals to thousandths															
	equivalent fractions															
	whole-number, fraction, and decimal benchmarks															
	addition and subtraction to 1 000 000															
	multiplication and division to three digits, including division with remainders															
	addition and subtraction of decimals to thousandths															
	addition and subtraction facts to 20 (extending computational fluency)															
	multiplication and division facts to 100 (emerging computational fluency)															
	rules for increasing and decreasing patterns with words, numbers, symbols, and variables															
	one-step equations with variables															
	area measurement of squares and rectangles															
	relationships between area and perimeter															
	duration, using measurement of time															
	classification of prisms and pyramids															
	single transformations															
	one-to-one correspondence and many-to-one correspondence using double bar graphs															
probability experiments, focusing on independence																
financial literacy – monetary calculations, making change up to 1000 dollars and financial plans																

