

Standards**Grade One Mathematics**

Standard 1 : Mathematical Processes	Level 1	GLE 0106.1.1 Use mathematical language, symbols, and definitions while developing mathematical reasoning. GLE 0106.1.6 Read and interpret the language of mathematics and use written/oral communication to express mathematical ideas precisely.
	Level 2	GLE 0106.1.4 Move flexibly between concrete and abstract representations of mathematical ideas in order to solve problems, model mathematical ideas, and communicate solution strategies. GLE 0106.1.8 Use technologies/manipulatives appropriately to develop understanding of mathematical algorithms, to facilitate problem solving, and to create accurate and reliable models of mathematical concepts.
	Level 3	GLE 0106.1.3 Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas. GLE 0106.1.5 Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions. GLE 0106.1.7 Recognize the historical development of mathematics, mathematics in context, and the connections between mathematics and the real world.
	Level 4	GLE 0106.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.

Standard 2: Number and Operations	Level 1	GLE 0106.2.1 Understand and use number notation and place value to 100. GLE 0106.2.3 Develop strategies for learning basic addition facts and related subtraction facts.
	Level 2	GLE 0106.2.2 Compare and order whole numbers to 100. GLE 0106.2.4 Use multiple representations (including groups of ten) to model two-digit addition and subtraction.
	Level 3	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE
	Level 4	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE

Standard 3 : Algebra	Level 1	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE
	Level 2	GLE 0106.3.1 Identify, describe, and extend simple number patterns to develop strategies for adding and subtracting whole numbers. GLE 0106.3.2 Understand that addition and subtraction are inverse operations.
	Level 3	GLE 0106.3.3 Extend the strategies for basic facts to include other properties of number and operations.
	Level 4	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE

Standard 4 : Geometry and Measurement	Level 1	GLE 0106.4.1 Recognize, describe, and draw geometric figures.
	Level 2	GLE 0106.4.3 Use non-standard units in linear measurement.
	Level 3	GLE 0106.4.2 Compose and decompose geometric shapes.
	Level 4	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE

Standard 5 : Data, Probability, and Statistics	Level 4	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE
	Level 3	GLE 0106.5.1 Use various representations to display and compare data.
	Level 2	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE
	Level 1	THIS LEVEL IS NOT REPRESENTED AT THIS GRADE