Mohawk Local Schools   Grade 2 Math

Quarter   1   Curriculum Guide

Mathematical Practices
1. Make Sense of Problems and Persevere in Solving them 2. Reasoning Abstractly & Quantitatively 3. Construct Viable Arguments and Critique the Reasoning of Others 4. Model with Mathematics 5. Use Appropriate Tools Strategically 6. Attend to Precision 7. Look for and Make use of Structure 8. Look for and Express Regularity in Repeated Reasoning
Critical Areas of Focus Being Addressed: o   Ratios and Proportions

Content Statements Addressed and Whether they are Knowledge, Reasoning, Performance Skill, or Product: (DOK1) (DOK2) (DOK3) (DOK4)	Underpinning Targets Corresponding with Standards and Whether they are Knowledge, Reasoning, Performance Skill, or Product: "I can…..", "Students Will Be Able To……."

2.OA.1 Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. (DOK 2)	(DOK 1)
	I Can:
	  • Identify the unknown in an addition or subtraction word problem.
	  • Write an addition and subtraction equation with a symbol for the unknown.
	(DOK 2)

	I can:
	- Use drawings or equations to represent one- and two step word problems. - Add and subtract within 100 to solve one-step word problems with unknowns in all positions. - Add and subtract within 100 to solve two-step word problems with unknowns in all positions. - Determine operation needed to solve addition and subtraction problems in situations including add to, take from, put together, take apart, and compare.
2.OA.2 Fluently add and subtract within 20 using mental strategies. 2 By end of Grade 2, know from memory all sums of two one-digit numbers. (DOK 2)	(DOK 1) I can: - Know mental strategies for addition and subtraction. - Know from memory all sums of two one-digit numbers. (DOK 2) I can: - Apply mental strategies to add and subtract fluently within 20.
2.OA.4 Use addition to find the total number of objects arranged in rectangular arrays with up to 5 rows and up to 5 columns; write an equation to express the total as a sum of equal addends. (DOK 2)	(DOK 1) I can: - Write an equation with repeated equal addends from an array. (DOK 2) I can: - Generalize the fact that arrays can be written as repeated addition problems. - Solve repeated addition problems to find the number of objects using rectangular arrays.