

What Is It We Expect Students to Learn?

Grade: 3	Subject: Math	Team Members: Serafino, Villaneuva, Speiss, Edwards, Pierce, Rankowitz			
Description of Standard	Example of Rigor	Prerequisite Skills	When Taught?	Common Assessments	Extension Standards
What is the essential standard to be learned? Describe in student-friendly vocabulary.	What does proficient student work look like? Provide an example and/or description.	What prior knowledge, skills, and/or vocabulary are needed for a student to master this standard?	When will this standard be taught?	What assessment(s) will be used to measure student mastery?	What will we do when students have already learned this standard?
OA. 1- I can write a repeated addition equation and multiplication equation to represent equal groups.	Students will identify equal groups. Students will write a repeated addition equation and a multiplication equation.	Equal groups Multiplication Equation Repeated addition Skip counting Number line Factors Product	Sept 10	Big Ideas Chapter 1 Assessment ***Thoughts for next year: Extend time for Chapter 1. Condense Chapter 2. ...or combine***	iReady extension activities, Big Ideas enrichment activities
OA 2- I can interpret the divisor and quotient in a division equation as the number of equal groups and the number of objects in a group. I can illustrate and explain	Students will identify and explain the divisor and quotient in a division equation. Students will illustrate	Whole-numbers Quotients Division Divisor Arrays Repeated subtraction Divide Fact families	Sept 21	Big Ideas Chapter 2 Assessment	iReady extension activities, Big Ideas enrichment activities

strategies including arrays, repeated addition or subtraction, and decomposing a factor.	and explain arrays, repeated addition and subtraction, and decomposing a factor.	Factor Equation Equal groups Partition model Decomposing a factor Distributive Property Multiple Multiplication Property of One Multiplication Property of Zero			
OA 3 I can represent, interpret, and solve 1-step problems involving multiplication and division.	Students will write an equation for 1-step multiplication and division word problems and solve.	Factor Product Multiply Divide Array Partition Quotient Divisor Dividend Equal groups Repeated subtraction Repeated addition equation/expression Missing number Symbol Fact family			
MD.3 - I can collect, organize, interpret, and analyze data in different types of graphs.	Students will create a survey question with 4 categories. They will collect data in a frequency table and	Scale graph Picture graph Symbol Key Represent	Oct 8	Schoolnet created assessment GRAPHSROCK	Create graph and questions

	organize it into a scaled bar graph and scaled picture graph with a key.	Interpret Analyze Bar graph Frequency table Survey Data			
NBT2 - I can add and subtract whole numbers up to and including 1,000.	Students will be able to use estimation strategies to assess reasonableness of answers, model and explain how the relationship between addition and subtraction can be applied to solve add/sub problems, and use expanded form to decompose numbers and then find sums and differences.	Compatible numbers Estimate Round Place value Ones Tens Hundreds Thousands	Nov 10	Google form	
OA 8- I can solve two-step word problems using addition, subtraction, and multiplication using equations with a symbol for the unknown.	Students will be able to represent and solve two-step word problems using addition, subtraction and multiplication using a symbol for the unknown.	Represent Unknown Symbol Product Multiplication Solve Equation(s) Quantity Solution Factors	Nov 18	Quick check/pre-assessment Google form	

<p>OA7 - I can recall multiplication and division facts up to 10 AND support with a model.</p>	<p>Students will be able to demonstrate fluency of facts to 10.</p> <p>Students will illustrate and explain the relationship between multiplication and division.</p>	<p>Factors Product Dividend Quotient Divisor Multiplication Division Fact Family Unknown Variable = Letter</p>	<p>Pre-Assessment Nov 22</p> <p>Post-Assessment Dec 10</p>	<p>Google form Assessment from Big Ideas Chapter 4</p>	<p>Write word problems</p> <p>Create their own fact families/flash cards/practice cards</p>
<p>MD 7 - Relate area to the operations of multiplication and addition</p>			<p>Pre-Assessment 1/24</p>		