**Odysseyware**<sup>®</sup>

## **CURRICULUM** OVERVIEW

## **SPARK Mathematics Grade 5**



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Assignments	
<ol> <li>Pre-Test: Extending Understandings of Multiplication (5.NF.4)*</li> <li>Multiplying by a Fraction (5.NF.4)</li> </ol>	<ol> <li>Post-Test: Extending Understandings of Multiplication (5.NF.4)</li> <li>Finding the Area of a Rectangle with Fractional Side Lengths (5.NF.4)*</li> </ol>
Unit 15: Looking at the Value of a Product and Its Factor	ors (5.NF.5)
Assignments	
<ol> <li>Pre-Test: Looking at the Value of a Product and Its Factors (5.NF.5)*</li> <li>Explaining Why a Product is Affected by the Value of Its Factors (5.NF.5)</li> </ol>	<ol> <li>Post-Test: Looking at the Value of a Product and Its Factors (5.NF.5)</li> <li>Relating Fraction Equivalence (5.NF.5)*</li> </ol>
Unit 16: Solving Real-World Problems Through Math C	Dispersions (ENE 6)
Assignments	
<ol> <li>Pre-Test: Solving Real-World Problems through Math Operations (5.NF.6)*</li> <li>Practical Applications for the Multiplication of</li> </ol>	<ol> <li>Post-Test: Solving Real-World Problems through Math Operations (5.NF.6)</li> </ol>
Fractions & Mixed Numbers (5.NF.6)	<ol> <li>Multiplying Fractions and Mixed Numbers to Solve Real-World Problems (5.NF.6)*</li> </ol>
Fractions & Mixed Numbers (5.NF.6)	Real-World Problems (5.NF.6)*
Fractions & Mixed Numbers (5.NF.6) Unit 17: Dividing Unit Fractions and Whole Numbers ( Assignments	Real-World Problems (5.NF.6)*
Fractions & Mixed Numbers (5.NF.6) Unit 17: Dividing Unit Fractions and Whole Numbers (	Real-World Problems (5.NF.6)*
Fractions & Mixed Numbers (5.NF.6) Unit 17: Dividing Unit Fractions and Whole Numbers (5 Assignments 1. Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)* 2. Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*
Fractions & Mixed Numbers (5.NF.6)         Unit 17: Dividing Unit Fractions and Whole Numbers (5         Assignments         1. Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)*         2. Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)         Unit 18: Converting Among Different-Sized Standard Number (5.000000000000000000000000000000000000	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*
Fractions & Mixed Numbers (5.NF.6)         Unit 17: Dividing Unit Fractions and Whole Numbers (5         Assignments         1. Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)*         2. Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)         Unit 18: Converting Among Different-Sized Standard Number (5.000000000000000000000000000000000000	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*
Fractions & Mixed Numbers (5.NF.6)         Unit 17: Dividing Unit Fractions and Whole Numbers (5         Assignments         1.       Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)*         2.       Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)         Unit 18: Converting Among Different-Sized Standard N         Assignments         1.       Pre-Test: Converting Among Different-Sized Standard N         Assignments         1.       Pre-Test: Converting Among Different-Sized Standard M         Assignments       1.         2.       Converting Among Units within a Standard Measurement Units (5.MD.1)*         2.       Converting Among Units within a Standard Measurement System (5.MD.1)	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*         Measurement Units (5.MD.1)         3. Post-Test: Converting among Different-Sized Standard Measurement Units (5.MD.1)         4. Using Conversions in Solving Multi-Step Real-World Problems (5.MD.1)*
Fractions & Mixed Numbers (5.NF.6)         Unit 17: Dividing Unit Fractions and Whole Numbers (5         Assignments         1.       Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)*         2.       Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)         Unit 18: Converting Among Different-Sized Standard M         Assignments         1.       Pre-Test: Converting Among Different-Sized Standard M         Masurement Units (5.MD.1)*         2.       Converting Among Units within a Standard Measurement Units (5.MD.1)         Unit 19: Making a Line Plot to Display a Data Set (5.ME	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*         Measurement Units (5.MD.1)         3. Post-Test: Converting among Different-Sized Standard Measurement Units (5.MD.1)         4. Using Conversions in Solving Multi-Step Real-World Problems (5.MD.1)*
Fractions & Mixed Numbers (5.NF.6)         Unit 17: Dividing Unit Fractions and Whole Numbers (5         Assignments         1.       Pre-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)*         2.       Dividing a Unit Fraction by a Non-Zero Whole Number (5.NF.7)         Unit 18: Converting Among Different-Sized Standard N         Assignments         1.       Pre-Test: Converting Among Different-Sized Standard M         Assignments         1.       Pre-Test: Converting Among Different-Sized Standard M         Assurement Units (5.MD.1)*       2.         Converting Among Units within a Standard       1.	Real-World Problems (5.NF.6)*         5.NF.7)         3. Post-Test: Dividing Unit Fractions and Whole Numbers (5.NF.7)         4. Dividing a Whole Number by a Unit Fraction (5.NF.7)*         Measurement Units (5.MD.1)         3. Post-Test: Converting among Different-Sized Standard Measurement Units (5.MD.1)         4. Using Conversions in Solving Multi-Step Real-World Problems (5.MD.1)*

ssignments	
1. Pre-Test: Measuring Volumes of Solid Figures	3. Post-Test: Measuring Volumes of Solid Figures
(5.MD.3)*	(5.MD.3)
2. Recognizing Volume as an Attribute of Solid Figures	4. Understanding Concepts of Volume Measurement
(5.MD.3)	(5.MD.3)*
Init 21: Determining Volumes of Solid Figures (5.MD.4)	
ssignments	
1. Pre-Test: Determining Volumes of Solid Figures	3. Post-Test: Determining Volumes of Solid Figures
(5.MD.4)*	(5.MD.4)
2. Measuring Volumes by Counting Unit Cubes (5.MD.4)	4. Counting Unit Cubes to Determine Volumes
	(5.MD.4)*
nit 22: Relating Volume to the Operations of Multiplic	ation and Addition (5.MD.5)
ssignments	
1. Pre-Test: Relating Volume to the Operations of	3. Post-Test: Relating Volume to the Operations of
Multiplication and Addition (5.MD.5)*	Multiplication and Addition (5.MD.5)
<ol> <li>Solving Real-World and Mathematical Problems Involving Volume (5.MD.5)</li> </ol>	4. Finding Volumes of Solid Figures (5.MD.5)*
nit 23: Defining a Coordinate System (5.G.1)	
ssignments	
1. Pre-Test: Defining a Coordinate System (5.G.1)*	3. Post-Test: Defining a Coordinate System (5.G.1)
2. Understanding the Meaning of Each Coordinate in an	4. Locating, Identifying, and Graphing Points in a
Ordered Pair (5.G.1)	Coordinate Plane (5.G.1)*
nit 24: Representing Real-World and Mathematical Pr	oblems by Graphing Points (5.G.2)
ssignments	······································
1. Pre-Test: Representing Real-World and Mathematical	3. Post-Test: Representing Real-World and
Problems by Graphing Points (5.G.2)*	Mathematical Problems by Graphing Points (5.G.2)
2. Representing Real-World Situations by Graphing	4. Interpreting Coordinate Values of Points in Real-
Points (5.G.2)	World Situations (5.G.2)*
nit 25: Understanding Certain Things About Attributes	$a^{(1)}$

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1.	Pre-Test: Understanding Certain Things about	3.	Post-Test: Understanding Certain Things about		
	Attributes of Shapes (5.G.3)*		Attributes of Shapes (5.G.3)		
2.	Knowing Attributes of Shapes (5.G.3)	4.	Reasoning about the Attributes of Shapes (5.G.3)*		

(\*) Indicates alternative assignment