

**Tantasqua/Union 61 2015-2016 Alignment Sheets-Assessed Math Standards**

**Grade 5**

<b>T1 Standards Covered and Assessed</b>	<b>T2 Standards Covered and Assessed</b>	<b>T3 Standards Covered and Assessed</b>
<b>5.NBT.1</b> A digit in one place represents 10x as much as it represents in place to right and 1/10 of what it represents in the place to its left	<b>5.NF.2</b> Add and subtract fraction word problems	<b>5.MD.2</b> Line plots with fractions and fraction operations
<b>5.NBT.2</b> Explain patterns in the number of zeroes of the product when multiplying a number by powers of 10 and patterns of decimal point when multiplied or divided by power of 10	<b>5.NF.1</b> Add and subtract mixed numbers	<b>5.NS.MA.1</b> Use positive and negative integers to describe quantities
<b>5.NBT.3a&amp;b</b> Read, write, compare decimals to thousandths and expanded form	<b>5.NF.2</b> Add and subtract fraction word problems	<b>5.G.1</b> Graph points
<b>5.NBT.4</b> Use place value to round decimals	<b>5.NF.4a</b> Interpret product $(a/b) \times q$	<b>5.G.2</b> Solve problems with graphing points
<b>5.NBT.5</b> Multiply multi-digit whole numbers	<b>5.NF.4b</b> Find area of rectangle with fractional side lengths	<b>5.G.3</b> Attributes of 2 dimensional figures
<b>5.NBT.7 (+/-)</b> Add and subtract decimals	<b>5.NF.5a</b> Compare size of a product to the size of one factor	<b>5.G.4</b> Classify 2 dimensional figures
<b>5.NBT.7 (x)</b> Multiply decimals	<b>5.NF.5b</b> Explain why multiplying a given number by a fraction greater than 1 results in a product greater than the given number and why multiplying by a fraction less than 1 results in a product smaller than the given number, recognize $(n \times a) / (n \times b)$ as multiplying $a/b$ by 1	<b>5.MD.1</b> Unit conversions

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Grade 5 continued**

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<b>5.NBT.6 Divide four digits by 1 digit using place value and properties, area models, equations, and the relationship between multiplication and division</b>	<b>5.MD.3&amp;4 Volume concepts and counting unit cubes</b>	<b>5.OA.1 Use parentheses in numerical expressions and evaluate</b>
<b>5.NBT.6 Divide four digits by 2 digit using place value and properties, area models, equations, and the relationship between multiplication and division</b>	<b>5.MD.5 Relate volume to multiplication and addition</b>	<b>5.OA.2 Write expressions and interpret them without evaluating</b>
<b>5.NBT.7 Divide decimals</b>	<b>5.NF.6 Solve real world problems with multiplication of fractions and mixed numbers with visual models and equations</b>	<b>5.OA.3 Generate two numerical patterns using two given rules. Identify relationships between corresponding terms. Form and graph ordered pairs.</b>
<b>5.OA.1 Use parentheses in numerical expressions and evaluate</b>	<b>5.NF.3 Interpret fractions as quotients and with visual models</b>	
<b>5.OA.2 Write expressions and interpret them without evaluating</b>	<b>5.NF.3 Divide with fraction solutions</b>	
	<b>5.NF.7a,b,&amp;c Interpret division of a unit fractions with whole numbers and compute</b>	

**Standards Key:**

<b>PARCC Major Clusters</b>	<b>PARCC Supporting Clusters</b>	<b>PARCC Additional Clusters</b>
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**Notes:** Columns represent the standards to be taught in each trimester. Common assessments will be administered at the end of each trimester. Some standards require greater emphasis, however, all standards must be taught. For complete description of standards refer to the Massachusetts Curriculum Frameworks for Mathematics 2011 incorporating the Common Core State Standards for Mathematics.