

# Essential Standards

What Is It We Expect Students to Learn?					
Grade: 4	Subject: Math		Team Members: Galvin, Mullendore		
Description of Standard	Example of Rigor	Prerequisite Skills	When Taught?	Common Summative Assessment	Extension Standards
<i>What is the essential standard to be learned? Describe in student-friendly vocabulary.</i>	<i>What does proficient student work look like? Provide an example or description.</i>	<i>What prior knowledge, skills, or vocabulary are needed for a student to master this standard?</i>	<i>When will this standard be taught?</i>	<i>What assessments will be used to measure student mastery?</i>	<i>What will we do when students have already learned this standard?</i>
<b>Represent the Value of Digits in Whole Numbers and Decimals 4.2B - R</b>  <b>I can represent the value of digits in whole numbers and decimals as money, in word form, and in standard form.</b>	Correctly identify/represent a digits place in the place value system from 1,000,000,000 to the hundredths place in various representations in word problems in <a href="#">4.2B Rigor</a>  <a href="#">STAAR Like Questions</a>	Place Value to the 100,000 in 3rd grade  Understanding of amounts less than one dollar and how change is written as a decimal  Understanding various forms to represent numbers: word form, standard form, expanded form	1st Quarter	<a href="#">RCA</a>  <a href="#">District Task Counting Coins</a>  <a href="#">Money</a>	<b>FOR ALL STANDARDS</b>  Create a lesson to teach someone else  Create a game or activity over concept  <a href="#">BreakoutEDU</a> <a href="#">Filmore's Frenzy</a>
<b>Relate Decimals to Fractions: Tenths and Hundredths 4.2G - R</b>  <b>I can write decimals as a fraction and decimal fractions as decimals.</b>	Independent Equation Word problem <a href="#">4.2G Rigor</a>  In problem solving situations - add examples from STAAR	Foundation in fractions/money previous grades  Vocab: fraction Place value	1st Quarter	<a href="#">RCA Fractions</a>  <a href="#">District Task</a> Decimals to Fractions	Create a lesson to teach someone else  Create a game or activity over concept  <a href="#">BreakoutEDU DONUT Shop</a>

<p><b>Represent and Solve Problems: +/- of Fractions with Like Denominators 4.3E - R</b></p> <p><b>I can add and subtract fractions with like denominators.</b></p>	<p>Model fractions Add and subt fractions <a href="#">4.3E Rigor</a>  <a href="#">STAAR like questions</a></p>	<p>Addition/Subtraction Facts</p> <p>Finding sums and differences</p> <p>Fraction Models from 3rd Grade</p>	<p>2nd Quarter</p>	<p><a href="#">RCA Fractions</a></p> <p>Adding and Subtracting Fractions: <a href="#">Other Evidence</a></p>	<p>Create a lesson to teach someone else</p> <p>Create a game or activity over concept</p>
<p><b>Add and Subtract Whole Numbers and Decimals with Algorithm 4.4A - R</b></p> <p><b>I can add and subtract whole number and decimals using standard algorithm.</b></p>	<p>Independent  <a href="#">4.4A Rigor</a>  In problem solving situations - add examples from STAAR</p>	<p>Place value to set up algorithm</p> <p>Adding/subtracting to find the sum/difference.</p>	<p>1st Quarter</p>	<p><a href="#">RCA - UBD#2</a></p>	<p>Create a lesson to teach someone else</p> <p>Create a game or activity over concept</p>
<p><b>Use Strategies and Algorithms to Multiply (2 X 2 digit, 4 X 1 digit ) 4.4D - S</b></p> <p><b>I can multiply up to a two digit by two digit number and a four digit by one digit using strategies and standard algorithm.</b></p>	<p>Independent Within Word Problems <a href="#">4.4D Rigor</a>  In problem solving situations - add examples from STAAR</p>	<p>Multiplication Facts Addition Facts Place value concepts 2 X 1 Multiplication</p>	<p>3rd Quarter</p>	<p>RCA</p>	<p>Create a lesson to teach someone else</p> <p>Create a game or activity over concept</p>
<p><b>Solve One and Two-Step Problems using Multiplication or Division 4.4H - R</b></p>	<p>Independent  <a href="#">4.4H Rigor</a>  In problem solving</p>	<p>Problem Solving Strategies/Plan</p> <p>Multiplication/Division skill set</p>	<p>3rd Quarter</p>	<p><a href="#">RCA - UBD #3 Multiplication</a></p>	<p>Create a lesson to teach someone else</p> <p>Create a game or activity over concept</p>

<p><b>I can solve multi-step word problems with multiplication and division</b></p>	<p>situations - add examples from STAAR</p>				
<p><b>Solve Measurement Problems: Length, Time, Liquid Volume, Mass and Money</b> 4.8C - R</p> <p><b>I can solve word problems involving various types of measurements.</b></p>	<p>Independent With word problems</p> <p><a href="#">4.8C Rigor</a></p> <p>In problem solving situations - add examples from STAAR</p>	<p>Understanding of: Elapsed Time Units of Money Length Liquid Volume Mass</p> <p>Concepts of measurement in different types: money, time, liquid volume, mass and money and problem solving strategies</p>	<p>4th Quarter</p>	<p>RCA</p>	<p>Create a lesson to teach someone else</p> <p>Create a game or activity over concept</p> <p>Complete a breakout activity over standard</p>