

**Expressions & Equations**

<p><b>ESSENTIAL STANDARD</b> List the agreed upon <b>essential standards</b> including <b>measurable targets</b>.</p>	<p><b>KEY ACADEMIC VOCAB</b> Provide the key academic vocabulary that students will need to know.</p>	<p><b>QUESTION STEMS</b> Provide 2-3 question stems that can be asked during instruction to determine if a student is on track to be proficient in the standard.</p>	<p><b>PROFICIENCY RUBRIC</b> Provide a description of what a proficient student will be able to know and do. <a href="#">Link proficiency rubrics</a></p>	<p><b>PACING</b> Provide the month the essential standard will be taught.</p>
<p><b>1 Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.</b></p>	<p>Key Vocabulary and Questions Stems can be found on our <a href="#">Expressions &amp; Equations Overview Sheet</a></p>	<p><a href="#">Expressions &amp; Equations Quiz Rubrics</a></p>	<p><a href="#">Expressions &amp; Equations Quiz Rubrics</a></p>	<p>We cover Expressions &amp; Equations during the month of November.</p>
<p><b>a.</b> I can identify and combine like terms.</p>				
<p><b>b.</b> I can use the distributive property.</p>				
<p><b>c.</b> I can evaluate algebraic expressions.</p>				
<p><b>2 Understand that rewriting an expression in different forms in a problem context can shed light on the problem, and how the quantities in it are related.</b></p>		<p><a href="#">2-Step Equation Advertisement Project Rubric</a></p>	<p><a href="#">2-Step Equation Advertisement Project Rubric</a></p>	
<p><b>a.</b> I can identify parts of an algebraic expression.</p>				
<p><b>b.</b> I can translate algebraic expressions.</p>				
<p><b>3 Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals), using tools strategically. Apply properties of operations to calculate with numbers in any form, convert between forms as appropriate, and assess the reasonableness of answers using mental computation and estimation strategies.</b></p>				
<p><b>a.</b> I can solve multi-step equations and inequalities.</p>				
<p><b>b.</b> I can write, create, and solve equations and inequalities for real-life situations.</p>				
<p><b>4 Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.</b></p>				
<p><b>a.</b> I can solve 1-step equations and inequalities.</p>				
<p><b>b.</b> I can explain how a negative coefficient affects the solution to an inequality.</p>				
<p><b>c.</b> I can graph and interpret the solution set of an inequality.</p>				
<p><b>d.</b> I can solve 2-step equations and inequalities.</p>				