Any standard highlighted in yellow has been determined by our WCSD teachers, district and state experts as essential for students to master.

Strand: Use properties of operations to generate equivalent expressions (EE1-2). Solve real-life and mathematical problems using numerical and algebraic expressions and equations(EE3-4).

Standard 7.EE.1: Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

Learning Targets	Academic Vocabulary & Notation	Question Stems	Possible Assessments
• Generate equivalent expressions by applying properties of operations (associative, commutative, distributive, etc) as strategies to add, subtract, factor, and expand linear expressions with rational coefficients. • Combine like terms with rational coefficients	• terms, coefficient, like-terms, distribute, expression, rational, equivalent, simplify, expand, factor	• I solved the problem by… • The steps I followed were…	• District CFA Expressions/ Equations Form A • District CFA Expressions/ Equations Form B

Standard 7.EE.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.

Learning Targets	Academic Vocabulary & Notation	Question Stems	Possible Assessments
• Recognize that different forms of an expression can highlight different aspects of the problem. • Recognize and explain the meaning of a given expression and its component parts in terms of a context.	• terms, coefficient, like-terms, distribute, expression, rational, equivalent, simplify, expand, factor	• The hardest part of this unit is….. • How is this like something you have done before?	• District CFA Expressions/ Equations Form A • District CFA Expressions/ Equations Form B

Strand: Use properties of operations to generate equivalent expressions (EE1-2). Solve real-life and mathematical problems using numerical and algebraic expressions and equations(EE3-4).

Standard 7.EE.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.

Learning Targets	Academic Vocabulary & Notation	Question Stems	Possible Assessments
• Solve multi-step real-life and mathematical problems involving calculations with rational numbers in any form. • Utilize various forms of rational numbers to solve and make sense of problems. • Choose between forms of a rational number to simplify calculations or communicate solutions meaningfully. • Assess the reasonableness of answers using mental computation and estimation.	• estimate, rational number, reasonableness, solution	• What other math can you connect with this? • This new math idea is like…. • How do you know? • The steps I followed were…	• District CFA Expressions/ Equations Form A • District CFA Expressions/ Equations Form B

Strand: Use properties of operations to generate equivalent expressions (EE1-2). Solve real-life and mathematical problems using numerical and algebraic expressions and equations(EE3-4).

Standard 7.EE.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.

Learning Targets	Academic Vocabulary & Notation	Question Stems	Possible Assessments
• Solve word problems leading to equations and solve fluently. • Compare an algebraic solution to an arithmetic solution, identifying the sequence of the operations used in each approach. • Solve word problems leading to inequalities. • Use variables to create and solve equations and inequalities that model word problems. • Graph and interpret the solution set of an inequality. • Distinguish between equations and inequalities.	• algebraic, inequality, equation, inverse operations, solution set, at most, at least	• How is this like something you've done before? • Tell me what is the same? • Tell me what is different? • What were the steps involved?	• District CFA Expressions/ Equations Form A • District CFA Expressions/ Equations Form B