

6th Grade EXCEED Goals and Measures

Area of Concern	Goal	GoalText	Progress Monitoring
Algebraic Thinking (RT7)	Reason about and Solve One-Variable Equations and Inequalities (6th Grade)	Name will solve real world and mathematical problems by writing and solving equations in the form of $x+p=q$ and $px=q$ for cases which p , x and q are all nonnegative rational numbers with % percent accuracy.	EasyCBM - 6th - Algebra
Algebraic Thinking (RT7)	a. Apply and Extend previous understandings of arithmetic to Algebraic Expressions (6th Grade)	Name will read, write and evaluate expressions and equations involving whole number exponents and with letters stand for numbers with % percent accuracy.	EasyCBM - 6th - Algebra
Algebraic Thinking (RT7)	b. Apply and Extend previous understandings of arithmetic to Algebraic Expressions (6th Grade)	Name will identify when two expressions are equivalent and use properties of operations to generate equivalent expressions with % percent accuracy.	EasyCBM - 6th - Algebra
Data and Statistics (RT9)	Develop Understanding of Statistical Variability (6th Grade)	Name will recognize a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers. Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape. Recognize that a measure of center for a numerical data set summarizes all of its values with a single number, while a measure of variation describes how its values vary with a single number with % percent accuracy.	EasyCBM - 8th - Data Analysis, Number, Operations and Algebra
Data and Statistics (RT9)	Summarize and Describe Distributions (6th Grade)	Name will display numerical data in plots on a number line, including dot plots, histograms, and box plots. Summarize numerical data sets in relation to their context with % percent accuracy.	Data Collection - Math
Geometry (RT 6, RT8)	Solve Real-World and Mathematical Problems involving Area, Surface Srea, and Volume (6th Grade)	Using the coordinate plane, nets and models, Name will find the area and volume of geometric figures and solve real world problems with % percent accuracy.	Data Collection - Math

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Geometry (RT 6, RT8)	Solve Real-World and Mathematical Problems using the formulas for Volume (6th Grade)	Name will apply the formulas $V = l w h$ and $V = b h$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems with % percent accuracy.	EasyCBM - 5th - Geometry, Measurement and Algebra
Number Systems (RT1, RT2)	a. Apply and Extend previous understanding of number to the system of Rational Numbers (6th Grade)	Name will understand that positive and negative numbers describe quantities that have opposite direction of value and will place positive and negative numbers, to include fractions and mixed numbers, on the number line with % percent accuracy.	District 6th Grade Rational Numbers Progress Monitoring
Number Systems (RT1, RT2)	b. Apply and Extend previous understanding of number to the system of Rational Numbers (6th Grade)	Name will understand that rational numbers are a point on the number line with and order and absolute value, be able to place any set of rational numbers on the numberline in the correct order, state the absolute value of each, and the distance between any two with % percent accuracy.	District 6th Grade Rational Numbers Progress Monitoring
Operations (RT3, RT4)	Apply and Extend previous understandings of Multiplication and Division to Divide Fractions by Fractions (6th Grade)	Name will use visual models and equations to solve real world problems involving the division of fractions by fractions with % percent accuracy.	Data Collection - Math
Operations (RT3, RT4)	Compute Fluently with Multi-Digit Numbers (6th Grade)	Name will fluently add, subtract, multiply and divide whole numbers and decimals using the standard algorithm with % percent accuracy.	EasyCBM - 6th - Number and Operation
Operations (RT3, RT4)	Find Common Factors and Multiples (6th Grade)	Given a set of numbers Name will find common factors and multiples with % percent accuracy.	Data Collection - Math
Ratio & Proportional Relationships	Represent and Analyze Quantitative Relationships between Dependent and Independent Variables (6th Grade)	Name will use tables, graphs and equations (identifying dependant and independent variables) to represent two quantities in a real world problem that change in relationship to each other with % percent accuracy.	Data Collection - Ratio & Proportional Relationships
Ratio & Proportional Relationships	Understand Ratio Concepts and use Ratio Reasoning to Solve Problems (6th Grade)	Name will use ratio and rate reasoning to solve real-world and mathematical problems with % percent accuracy.	EasyCBM - 6th - Number, Operation and Ratio