

Theme	District Curriculum Statement	Aligned State Standard	Teacher Resources	Performance Indicator
Number Sense and Computation	Students will learn and practice grade level computations.		Prentice Hall Textbook	Students will compare and order integers, fractions, decimals, and mixed numbers, and locate them on a number line.
Number Sense and Computation	Students will recognize and practice equivalencies.	6.A.3	Prentice Hall Textbook	Students will identify equivalent ratios, fractions, and decimals.
Number Sense and Computation	Students will learn and practice place value.		Prentice Hall Textbook	Students will represent place values from units through billions using powers of ten.
Number Sense and Computation	Students will solve equations with whole numbers and decimals.		Prentice Hall Textbook	Students will represent and compare whole numbers and decimals in various forms (standard and expanded).
Number Sense and Computation	Students will practice grade level computations.	6.B.3a 6.C.3a	Prentice Hall Textbook	Students will solve problems that involve addition, subtraction, multiplication, and/or division with whole numbers, fractions, mixed numbers.
Number Sense and Computation	Students will solve equations involving fractions and mixed numbers.	6.A.3	Prentice Hall Textbook	Students will simplify fractions and mixed numbers.
Number Sense and Computation	Students will learn and practice computations that relate to the number theory.	6.C.3a	Prentice Hall Textbook	Students will apply number theory concepts to the solution of problems (prime and composite numbers, prime factorization, greatest common factor, least common multiple, and divisibility rules).
Number Sense and Computation	Students will use the number theory.	6.B.3b	Prentice Hall Textbook	Students will determine the least common multiple and the greatest common factor of whole numbers.
Number Sense and Computation	Students will learn and practice estimating.	6.C.3b	Prentice Hall Textbook	Students will make estimates that are appropriate to a given situation.

Number Sense and Computation	Students will recognize and practice principles of geometry.	6.B.3c 8.D.3c	Prentice Hall Textbook	Students will demonstrate an understanding of pi, squares, and square roots.
Number Sense and Computation	Students will be able to apply associative property and demonstrative property.	8.A.3a	Prentice Hall Textbook	Students will be able to apply various properties of operations with rational numbers.
Algebra	Students will recognize patterns.	8.B.3	Prentice Hall Textbook	Students will construct or identify a rule that can generate the terms of the pattern or sequence.
Algebra	Students will practice the order of operations.	8.A.3a	Prentice Hall Textbook	Students will find the value of an expression using the order of operations.
Algebra	Students will be able to identify and solve variable expressions.	8.A.3b	Prentice Hall Textbook	Students will model, write, and evaluate variable expressions.
Algebra	Students will evaluate expressions.	8.A.3a	Prentice Hall Textbook	Students will define and solve addition, subtraction, multiplication, and division expressions.
Algebra	Students will evaluate expressions using order of operations.	8.A.3a	Prentice Hall Textbook	Students use exponents and apply order of operations to simplify powers and expressions.
Algebra	Students will solve equations using rules of algebra.	8.A.3b	Prentice Hall Textbook	Students will solve linear equations with whole number coefficients and solutions using algebraic representations.
Algebra	Students will solve equations using rules of algebra.	8.A.3a	Prentice Hall Textbook	Students will simplify algebraic expressions involving like terms.
Algebra	Students will identify relationships in algebraic equations.	8.D.3a	Prentice Hall Textbook	Students will determine how change in one variable relates to a change in a second variable.
Algebra	Students will recognize proportions.	8.D.3b	Prentice Hall Textbook	Students will solve problems involving proportional relationships.
Geometry	Students will practice principles of geometry.	7.B.3; 9.B.3	Prentice Hall Textbook	Students will measure and classify angles as obtuse, acute, right, vertical, adjacent, complementary, or supplementary.

Geometry	Students will use geometric methods to analyze, categorize, and draw conclusions.	9.B.3	Prentice Hall Textbook	Students will use the properties of complementary and supplementary angles and the sum of the angles of a triangle to solve problems.
Geometry	Students will develop knowledge of polygons.	9.C.3a ; 9.C.3b	Prentice Hall Textbook	Students will solve problems that require knowledge of triangle and quadrilateral properties.
Geometry	Students will identify shapes that are congruent.	9.C.3a	Prentice Hall Textbook	Students will determine if two polygons are congruent using measures of angles and sides by visual inspection.
Geometry	Students will be able to draw transformation images.	9.A.3b	Prentice Hall Textbook	Students will identify slides, rotations, etc.
Geometry	Students will learn and practice geometric principles.	9.D.3	Prentice Hall Textbook	Students will identify the relationships between the number of vertices or sides in a polygon, and the number of diagonals.
Geometry	Students will learn and practice geometric principles.	7.C.3b	Prentice Hall Textbook	Students will calculate areas of triangles and parallelograms.
Geometry	Students will learn and practice geometric principles.	9.B.3; 9.A.3c	Prentice Hall Textbook	Students will solve problems involving proportional relationships and units of measurement (ex. scale models).
Geometry	Students will learn and practice geometric principles.	7.C.3a	Prentice Hall Textbook	Students will read and interpret a scale on a map or a scale drawing using the idea of a constant ratio.
Measurement	Students will solve equations using the metric system.	7.A.3a 7.A.3b	Prentice Hall Textbook	Students will identify and use appropriate metric and U.S. units and tools to estimate, measure, and solve problems involving length, area, volume, weight, time, angle size, and temperature.
Measurement	Students will solve equations using the metric system.	7.A.3b	Prentice Hall Textbook	Students will convert between and within linear systems.
Measurement	Students will solve equations using the metric system.	7.A.3b	Prentice Hall Textbook	Students will solve problems involving estimation and the conversion of quarts and liters, using approximate comparisons.

Statistics and Probability	Students will practice problem solving using graphs.	10.A.3c	Prentice Hall Textbook	Students will produce and identify appropriate graphs that represent the relationship between two variables in everyday situations.
Statistics and Probability	Students will collect, organize, and analyze data.	10.A.3a		Students will create various types of graphs (bar, line, circle, Venn).
Statistics and Probability	Students will collect, organize, and analyze data.	10.A.3a	Prentice Hall Textbook	Students will graph function tables.
Statistics and Probability			Prentice Hall Textbook	Students will graph points and identify coordinates of points on coordinate planes.
Statistics and Probability	Students will interpret uncertainty using concepts of probability.	10.C.3a 10.B.3	Prentice Hall Textbook	Students will determine the probability of events of simple experiments.
Statistics and Probability		10.C.3b	Prentice Hall Text	Students will represent all possible outcomes for compound events in an organized way (appropriate graph).
Statistics and Probability	Students will solve problems using concepts of probability.	10.C.3a	Prentice Hall Text	Students will represent probabilities of events as ratios, fractions, decimals, and percentages.
Statistics and Probability	Students will solve problems using concepts of probability.	10.C.3a	Prentice Hall Text	Students will determine empirical probabilities from a set of data provided.
Statistics and Probability	Students will solve problems using concepts of probability.	10.C.3a	Prentice Hall Text	Students will determine that if p is the probability of an event, then $1-p$ is the probability that the event does not occur.