

Theme	District Curriculum Statement	Aligned State Standard	Teacher Resources	Performance Indicator
Number Sense	Students will demonstrate knowledge and use of numbers and their representations.	6A	Harcourt Text	Students will compare and order whole numbers, fractions, and decimals using concrete materials, drawings, and mathematical symbols.
Number Sense	Students will demonstrate knowledge and use of numbers and their representations.	6A	Harcourt Text	Students will represent place value through billions.
Number Sense	Students will investigate, represent and solve problems using a variety of tools.	6B	Harcourt Text	Students will solve one and two step problems involving whole numbers, fractions, and decimals using addition, subtraction, multiplication, and division.
Number Sense	Students will compute and estimate using various techniques.	6C	Harcourt Text	Students will determine least common multiple and the greatest common factor of a set of numbers.
Number Sense	Students will compute and estimate using various techniques.	6C	Harcourt Text	Students will show evidence that results and estimates are correct by checking answers through various methods.
Number Sense	Students will compute and estimate using various techniques.	6C	Harcourt Text	Students will select and perform computation procedures to solve problems with whole numbers, fractions, and decimals.
Number Sense	Students will solve problems using comparisons.	6D	Harcourt Text	Students will describe the relationship between two sets of data using ratios and appropriate notations.
Number Sense	Students will solve problems using comparisons.	6D	Harcourt Text	Students will analyze ratios to determine whether ratios are appropriate to solve problems.
Number Sense	Students will solve problems using comparisons.	6D	Harcourt Text	Students will determine equivalent ratios.

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Algebra and Analytical Methods	Students will describe numerical relationships using variables and patterns.	8A	Harcourt Text	Students will construct and solve number sentences using a variable to represent an unknown quantity.
Algebra and Analytical Methods	Students will interpret and describe numerical relationships.	8B	Harcourt Text	Students will analyze a geometric pattern and express results numerically.
Algebra and Analytical Methods	Students will solve problems using systems of numbers and their properties.	8C	Harcourt Text	Students will explain operations and number properties including commutative, associative, distributive, transitive, zero, equality, and order of operations.
Algebra and Analytical Methods	Students will use algebraic concepts and procedures to represent and solve problems.	8D	Harcourt Text	Students will solve linear equations involving whole numbers.
Geometry	Students will demonstrate and apply geometric concepts involving points, lines, planes, and space.	9A	Harcourt Text	Students will build physical models of two and three dimensional shapes.
Geometry	Students will demonstrate and apply geometric concepts involving points, lines, planes, and space.	9A	Harcourt Text	Students will perform simple constructions with a compass and a straightedge.
Geometry	Students will demonstrate and apply geometric concepts involving points, lines, planes, and space.	9A	Harcourt Text	Students will determine the relationship between pi, the diameter, the radius, and the circumference of a circle.
Geometry	Students will demonstrate and apply geometric concepts involving points, lines, planes, and space.	9A	Harcourt Text	Students will determine unknown angle measures using relationships and properties of a triangle or quadrilateral.
Geometry	Students will demonstrate and apply geometric concepts involving points, lines, planes, and space.	9A	Harcourt Text	Students will classify two- or three- dimensional shapes according to their properties.
Geometry	Students will identify, describe, classify and compare relationships using points, lines, planes, and solids.	9B	Harcourt Text	Students will identify and describe how geometric figures are used in practical settings (e.g. art, construction, advertising).
Geometry	Students will construct convincing arguments and proofs to solve problems.	9C	Harcourt Text	Students will formulate logical arguments about geometric figures and patterns and communicate reasoning.

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Estimation and Measurement	Students will measure and compare quantities using appropriate units, instruments, and methods.	7A	Harcourt Text	Students will solve addition, subtraction, multiplication and division problems using currency.
Estimation and Measurement	Students will estimate measurements and determine acceptable levels of accuracy.	7B	Harcourt Text	Students will determine possible methods for estimating a given measure, selecting proper units.
Estimation and Measurement	Students will estimate measurements and determine acceptable levels of accuracy.	7B	Harcourt Text	Students will estimate conversions between measures within the customary and metric systems.
Estimation and Measurement	Students will select and use appropriate technology, instruments, and formulas to solve problems, interpret results and communicate findings.	7C	Harcourt Text	Students will describe relationships in a simple scale drawing.
Estimation and Measurement	Students will select and use appropriate technology, instruments, and formulas to solve problems, interpret results and communicate findings.	7C	Harcourt Text	Students will find area of triangles, parallelograms, and trapezoids.
Estimation and Measurement	Students will select and use appropriate technology, instruments, and formulas to solve problems, interpret results and communicate findings.	7C	Harcourt Text	Students will construct or draw figures with given perimeters and areas.
Estimation and Measurement	Students will select and use appropriate technology, instruments, and formulas to solve problems, interpret results and communicate findings.	7C	Harcourt Text	Students will find surface area and volume of rectangular and triangular prisms.
Estimation and Measurement	Students will select and use appropriate technology, instruments, and formulas to solve problems, interpret results and communicate findings.	7C	Harcourt Text	Students will find the circumference of a circle.
Data Analysis and Probability	Students will organize, describe and make predictions from existing data.	10A	Harcourt Text	Students will organize and display data using pictures, tallies, tables, charts, and graphs.

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Data Analysis and Probability	Students will organize, describe and make predictions from existing data.	10A	Harcourt Text	Students will make predictions and decisions based on data and communicate their reasoning.
Data Analysis and Probability	Students will formulate questions, design data collection methods, gather and analyze data and communicate findings.	10B	Harcourt Text	Students will formulate questions of interest and select methods to systematically collect data.
Data Analysis and Probability	Students will formulate questions, design data collection methods, gather and analyze data and communicate findings.	10B	Harcourt Text	Students will collect, organize, and display data using graphs.
Data Analysis and Probability	Students will formulate questions, design data collection methods, gather and analyze data and communicate findings.	10B	Harcourt Text	Students will analyze data using mean, median, mode, and range.
Data Analysis and Probability	Students will formulate questions, design data collection methods, gather and analyze data and communicate findings.	10B	Harcourt Text	Students will interpret results or make relevant decisions based on the data gathered.
Data Analysis and Probability	Students will determine, describe and apply the probabilities of events.	10C	Harcourt Text	Students will calculate the probability of a simple event.
Data Analysis and Probability	Students will determine, describe and apply the probabilities of events.	10C	Harcourt Text	Students will compare the likelihood of events in terms of certain, more likely, less likely, or impossible.
Data Analysis and Probability	Students will determine, describe and apply the probabilities of events.	10C	Harcourt Text	Students will determine the probability of an event involving "and", "or", or "not".
Technology	Students will use calculators		Harcourt Text	Students will make fraction, decimal, and whole number calculations using a calculator.