

3-5 Mathematics at a Glance

	Third Grade	Fourth Grade	Fifth Grade
Numbers and Operations	<ul style="list-style-type: none"> • Place Value tenths to then-thousandths • Application of addition, subtraction • Multiplication concepts 2-3 digit by 1-digit • Concepts of Division 2-3 digit by 1-digit whole numbers • Basic concepts of Decimal Fractions and Common Fractions 	<ul style="list-style-type: none"> • Place Value hundredths to one million • Rounding to nearest 10,000 or 1,000 • Multiplication concepts 2-3 digits by 1-2 digits • Multi-Digit Division by 2-digit whole number • Compute with 2-digit decimal fractions • Add,/Subtract common fractions with common denominators • Order of Operations • Properties 	<ul style="list-style-type: none"> • Multiples, Factors, Divisibility • Place Value • Compute (+,-,x, ÷) with and apply decimal fractions less than one and greater than one • Compute and estimate Fractions with unlike denominators • Meaning of Percentage
Measurement	<ul style="list-style-type: none"> • Elapsed Time (full, half, quarter hour) • Length to nearest $\frac{1}{2}$, $\frac{1}{4}$ inch and mm • Area and Perimeter of squares and rectangles 	<ul style="list-style-type: none"> • Weight and Mass • Angle Concepts and Measurement 	<ul style="list-style-type: none"> • Concepts / Computation / Estimation of Area • Capacity • Concepts and Measurement of Volume of Cube and Rectangular Prism
Geometry	<ul style="list-style-type: none"> • Application of Geometric Figures • Angle relationships • Concepts of Circles 	<ul style="list-style-type: none"> • Classification of Geometric Figures • Models of 3-D Figures • Coordinate System 	<ul style="list-style-type: none"> • Meaning of Congruence • Circumference
Algebra	<ul style="list-style-type: none"> • Using Mathematical Expressions to Represent Relationships 	<ul style="list-style-type: none"> • Interpret Mathematical Relationships in Quantitative Expressions • Collecting, Organizing, and Displaying Data 	<ul style="list-style-type: none"> • Algebraic Representation using variables • Organize, Display, and Analyze Data, Choose Appropriate Graphs
Data Analysis and Probability	<ul style="list-style-type: none"> • Creating and Interpreting Tables and Graphs 		
Process Skills	Problem Solving, Arguments, Language of Mathematics, Interconnectivity, Communication	Problem Solving, Arguments, Language of Mathematics, Interconnectivity, Communication	Problem Solving, Arguments, Language of Mathematics, Interconnectivity, Communication