

Math Unit Overview
Grade 4



Unit	Priority Skills Knowledge	Priority Mathematical Practices
Unit 1 Place- Value: Multi-digit Addition & Subtraction	<ul style="list-style-type: none"> • Base-10 place-value system • Rounding numbers through hundred thousands • U.S. traditional addition and subtraction • Measurement: customary units of length; perimeter • Geometry: properties of lines and angles 	<ul style="list-style-type: none"> • Reason abstractly and quantitatively • Look for and make use of structure
Unit 2 Multiplication & Geometry	<ul style="list-style-type: none"> • Multiplication & multiplicative comparison • Measurement: area, converting units of time • Geometry: properties of line segments and angles; symmetry 	<ul style="list-style-type: none"> • Attend to precision • Look for and make use of structure
Unit 3 Fractions & Decimals	<ul style="list-style-type: none"> • Fractions: equivalence • Fractions: comparing and ordering • Fractions: on number lines • Fractions as decimals: decimal equivalence; comparing and ordering decimals 	<ul style="list-style-type: none"> • Construct viable arguments and critique the reasoning of others • Model with mathematics
Unit 4 Multi-digit Multiplication	<ul style="list-style-type: none"> • Fact extensions and estimating products • Measurement: metric units of measurement • Multiplication: practice with multiple algorithms 	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them • Look for and make use of structure •
Unit 5 Fraction & Mixed-Number Computation, & Measurement	<ul style="list-style-type: none"> • Fraction concepts • Fraction & mixed-number addition and subtraction • Measurement and data: line plots • Geometry: angles and symmetry 	<ul style="list-style-type: none"> • Reason abstractly and quantitatively • Use appropriate tools strategically

Unit 6 Division Angles	<ul style="list-style-type: none"> • Strategies for division and partial quotients • Geometry: angle measurement 	<ul style="list-style-type: none"> • Use appropriate tools strategically • Look for and make use of structure •
Unit 7 Multiplication of a Fraction by a Whole Number & Measurement	<ul style="list-style-type: none"> • Multiplication of a fraction • Multistep number stories • Line plots to organize and display data 	<ul style="list-style-type: none"> • Reason abstractly and quantitatively • Look for and express regularity in repeated reasoning
Unit 8 Fraction Operations & Applications	<ul style="list-style-type: none"> • Fraction concepts and operations • Application: measurement and geometry • Application: place value and operations 	<ul style="list-style-type: none"> • Make sense of problems and persevere in solving them • Look for and express regularity in repeated reasoning