Escondido Christian School

"Home, School, Church... Partners in Christian Education"

Jr. High Math (6-8 grades)

Sixth Grade	Fractions Order of Operations Linear Measure Sequences, Scales Exponents Place Value Problem Solving-Multiple Step Rounding Negative Numbers Graphs/Graphing Roman Numerals Greatest Common Factor Least Common Multiple Prime Factorization Central Tendency	Expanded Notation Prime numbers/complete numbers Polygons Subtraction with regrouping/borrowing Area, perimeter, volume, circumference Ratios/proportions Geometric formulas Probability Two step equations Percent/interest Average Decimals Square roots, inequalities Graphing inequalities Pythagorean theorem
Seventh Grade	Place value Rounding Problem solving Angles Simple/compound interest Fractions Metric conversions Central tendency measuring Order of operation Variables, evaluation Multiple term equations Ratio and proportion Circumference Linear equations and graphing slopes	Exponents/roots Inequalities Absolute value Integers – subtract, multiply, divide Perimeter, area, volume – complex shapes Quadratic equations Multiplication of exponential expressions Roman Numerals Compass construction – angles, triangles Angles Evaluation of Exponential expressions Surface area Decimals Pythagorean theorem Polynomials
Eighth Grade	Geometric/Arithmetic Series & Sequence Intro to Geometry Concepts Expressions-simplification, adding, multiplying Domain & range Solving systems of equations Systems of equations with subscripted variables Quadratic equations-solving and factoring polynomials	Slope intercept factoring Pythagorean theorem Square root tables Subsets Distributive, additive, commutative properties Complex numbers Functions Inequalities Radical expressions

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Escondido Christian Center
CHURCH & SCHOOL