

**HOLY ANGELS SCHOOL**  
Curriculum for Algebra

Subject/ Quarter	1st Quarter	2nd Quarter
<b>Algebra - Pt2</b>	Review: Variables; Exponents; Equations; Real numbers; Solving equations; Formulas and functions; Cartesian plane; Graphing linear equations; Writing linear equations in: slope-intercept form, point-slope form, standard form; Predicting using linear models	Solving inequalities; Absolute value equations; Solving systems of equations/inequalities; Gauss reduction method / matrix theory; Exponents; Exponential growth/decay
	<b>3rd Quarter</b>	<b>4th Quarter</b>
<b>Algebra - Pt2</b>	Adding/ subtracting /multiplying polynomials; Factoring polynomials; Solving quadratic equations by factoring; Graphing quadratic equations; Developing the quadratic formula; Direct and inverse variation; Data analysis	Rational expressions; Radical expressions and equations; Geometric formulas; Trigonometry