

HOLY ANGELS SCHOOL
Curriculum for Algebra

Subject/ Quarter	1st Quarter	2nd Quarter
Algebra	Variables; Exponents; Equations and inequalities; Real numbers; Matrices; Probability; Solving equations; Formulas and functions	Cartesian plane; Graphing linear equations; Functions and relations; Writing linear equations in: slope-intercept form, point-slope form, standard form; Predicting using linear models; Solving inequalities; Mean, median, mode, box-and-whisker plots
	3rd Quarter	4th Quarter
Algebra	Solving systems of equations/inequalities; Gauss reduction method / matrix theory; Exponents; Exponential growth/decay; Adding/ subtracting /multiplying polynomials; Factoring polynomials; Solving quadratic equations by factoring	Graphing quadratic equations; Developing the quadratic formula; Direct and inverse variation; Rational expressions; Radical expressions and equations; Trigonometry