









ALGEBRA 1

What will we teach your child?

Arenas, Sprints, and Belts

Arena 1		Arena 2	
			
White Belt 1	White Belt 2	Yellow Belt 1	Yellow Belt 2
6 Weeks	6 Weeks	6 Weeks	6 Weeks
3 Months		3 Months	
Program Completion Time: 12 Months			
Arena 3		Arena 4	
			
Green Belt 1	Green Belt 2	Blue Belt 1	Blue Belt 2
6 Weeks	6 Weeks	6 Weeks	6 Weeks
3 Months		3 Months	

ALGEBRA 1

What will we teach your child?

White Belt 1	
#	Sprints (6 Weeks)
1	Rational & Irrational Numbers
2	Introduction to Algebra & Coordinate Plane
3	Equivalent Expressions
4	Undefined & Indeterminate Expressions
5	Introduction to Functions
6	Review/Assessment



White Belt 1

White Belt 2	
#	Sprints (6 Weeks)
1	Equations and Inequalities
2	Equations With Variables On Both Sides
3	Linear Equations With Parentheses
4	Multi Step Inequalities

Yellow Belt 1	
#	Sprints (6 Weeks)
1	Rate Conversions & Appropriate Quantities
2	Slope- Introduction, Graphing & Calculating
3	Intercepts - Introduction, Application & Interception (from graph, equation & table)
4	Linear Equations Word Problems (Using tables & graphs)
5	Using Graphs to Analyze Data
6	Review/Assessment



Yellow Belt 1

Yellow Belt 2	
#	Sprints (6 Weeks)
1	Forms Of Linear Equations
2	Linear Relationships
3	Slope-Intercept Form - Introduction, Graphing, & Solving Equations
4	Point-Slope Form

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5	Compound & Double Inequalities
6	Review/Assessment



White Belt 2

5	System Of Equations With Graphing (Exact & Approximate Solutions)
6	Review/Assessment



Yellow Belt 2

Green Belt 1	
#	Sprints (6 Weeks)
1	System Of Equations With Substitution
2	System Of Equations With Elimination
3	Equivalent Systems Of Equations & Number Of Solutions To Systems Of Equations
4	Graphing Inequalities
5	Solving Systems Of Inequalities
6	Review/Assessment



Green Belt 1

Blue Belt 2	
#	Sprints (6 Weeks)
1	Sequences
2	Arithmetic & Geometric Sequences - Introduction-Construction
3	Absolute Value & Piecewise Functions
4	Exponents & Radicals
5	Decay, Exponential & Linear Growth
6	Review/Assessment



Blue Belt 1

ALGEBRA 1

What will we teach your child?

Green Belt 2	
#	Sprints (6 Weeks)
1	Algebraic Functions- Introduction, & Evaluation
2	Interpreting Function Notation & Determining Domain of functions
3	Recognizing Functions, Intervals & Features Of Graphs
4	Average Rate Of Change- Introduction & Word Problems
5	Experimental probability
6	Review/Assessment



Green Belt 2

Blue Belt 2	
#	Sprints (6 Weeks)
1	Polynomials, Binomials & Factoring Quadratics
2	Parabolas & Quadratic Functions
3	Quadratic Formula
4	Completing The Square
5	Quadratic Equations - Introduction, Features & Forms
6	Review/Assessment



Blue Belt 2