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 Mont	hs	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 M	onths

ALGEBRA 1

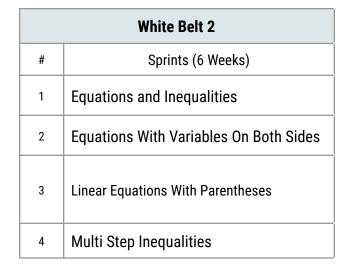
What will we teach your child?

	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

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	



White Belt 1





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

ALGEBRA 1

What will we teach your child?

5	Compound & Double Inequalities
6	Review/Assessment

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



White Belt 2



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	

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



Green Belt 1



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	

	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		



Green Belt 2



Blue Belt 2