









PRE-ALGEBRA

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
5 Weeks	5 Weeks	5 Weeks	5 Weeks
2 Months & 2 weeks		2 Months & 2 weeks	
Program Completion Time: 10 Months			
Arena 3		Arena 4	
			
Green Belt 1	Green Belt 2	Blue Belt 1	Blue Belt 2
5 Weeks	5 Weeks	5 Weeks	5 Weeks
2 Months & 2 weeks		2 Months & 2 weeks	

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White Belt 1	
#	Sprints (5 Weeks)
1	Divisibility & Factors
2	Factors & Multiples
3	Prime Factorization, GCF, & LCM
4	Ratio & Rates
5	Percentage- Introduction & word problems
6	Review/Assessment



White Belt 1

White Belt 2	
#	Sprints (5 Weeks)
1	PEMDAS-Order of Operations
2	Exponents-Introduction, Properties & Laws
3	Rational Numbers - Introduction & Word problems
4	Algebraic Expressions - Introduction & Parts Of Expression
5	Evaluating variable expressions
6	Review/Assessment

Yellow Belt 1	
#	Sprints (5 Weeks)
1	Evaluation expressions with one & Multiple variables
2	Variable Expression with Exponents
3	Algebraic Equations - Introduction to basics & one step equations
4	One step addition & subtraction equations
5	Two-step equation word problems
6	Review/Assessment



Yellow Belt 1

Yellow Belt 2	
#	Sprints (5 Weeks)
1	One step multiplication & division equations
2	One step equation word problems
3	One-step equations containing integers
4	Inequalities - Introduction, Graphing & Plotting
5	Inequalities Word Problems
6	Review/Assessment

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White Belt 2

Green Belt 1	
#	Sprints (5 Weeks)
1	One Step Inequalities
2	Two Step Inequalities
3	Combining Like Terms & Distribution
4	Distributive property
5	Equivalent Expressions
6	Review/Assessment



Yellow Belt 2

Blue Belt 2	
#	Sprints (5 Weeks)
1	Square Root
2	Cube roots
3	Scientific Notation - Introduction & Word Problems
4	Writing Scientific Notation
5	Number of solutions to equations
6	Review/Assessment



Green Belt 1

Green Belt 2	
#	Sprints (5 Weeks)
1	Interpreting Linear Expressions
2	Two-Step Equations
3	Two-Step Equation With Decimals & Fractions
4	Two-Step Equation Word Problems
5	Two-step inequalities



Blue Belt 1

Blue Belt 2	
#	Sprints (5 Weeks)
1	Two-Variable Equations-Introduction & Graphing Slope
2	Linear & Nonlinear functions
3	Systems of Equations
4	Systems of equations word problems
5	Proportional Relationships

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6	Review/Assessment
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6	Review/Assessment
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Green Belt 2



Blue Belt 2