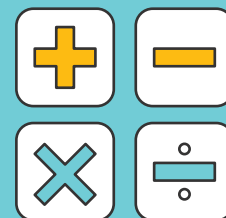
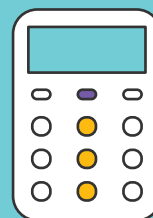


MATH CURRICULUM

What will we teach your child?







Parinama Academy



GRADE 7 MATH CURRICULUM

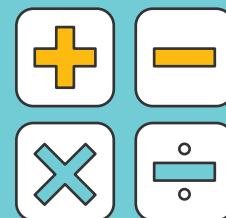
PARINAMA ACADEMY BELT PROGRESSION

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

GRADE 7 - CURRICULUM

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GRADE 7 MATH CURRICULUM

WHITE BELT 1 (6 WEEKS)

1. Whole numbers To Trillions
2. Rational & Irrational Numbers
3. Rational Numbers & Operations
4. Multiple Representation Of Rational Numbers
2. Estimation
3. Commutative-Associative-Distributive Property
4. Order Of Operations
4. Factors
5. Review/Assessment



LEVEL - 1

WHITE BELT 2 (6 WEEKS)

1. Exponents
2. Polynomials & Exponents
3. Exponents To Repeated Multiplication
4. Repeated Multiplication To Exponents
5. Fraction
6. Simplifying Fractions
7. Fraction Operations
8. Equivalent Fractions
5. Review/Assessment

YELLOW BELT 1 (6 WEEKS)

1. Mixed Numbers
2. Add/Subtract Fraction
3. Multiply/Divide Fractions
4. Decimal Operations
5. Mathematical Processes
6. Ratio
7. Proportions
8. Simple Proportions
9. Review/Assessment



LEVEL - 2

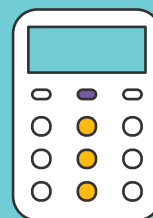
YELLOW BELT 2 (6 WEEKS)

1. Numerical Proportions
2. Geometric Proportions
3. Percents- Introduction & Application
4. Percent, Rate, Base
2. Numbers & Percent
3. Percentage
4. Using Integers
4. Integer Operations
5. Review/Assessment



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GRADE 7 MATH CURRICULUM

GREEN BELT 1 (6 WEEKS)

1. Algebra - Introduction
2. One & Two-Step Equations
3. Equations & Inequalities
4. Simple Algebra
5. Linear Relationships
6. Algebraic Equations - Linear Equations
7. Algebraic Inequalities
8. Solving Equations & Inequalities
9. Review/Assessment



LEVEL - 3

GREEN BELT 2 (6 WEEKS)

1. Introduction To Functions
2. Non-Linear Functions & Set Theory
3. Sequences & Functions
4. Probability - Introduction
5. Experimental Probability
6. Theoretical Probability & Counting
7. Lines & Angles - Plane Figures
8. Plane Figures - Closed Figure Relationships
5. Review/Assessment

BLUE BELT 1 (6 WEEKS)

1. Similarity & Scale
2. Pythagorean Theorem
3. Area
4. Exploring Area & Surface Area
5. Area & Circumference Of Circle
6. Diameter Of A Circle
7. Formulas
8. Perimeter
9. Review/Assessment



LEVEL - 4

BLUE BELT 2 (6 WEEKS)

1. Finding Volume
2. Measurement
3. Three Dimensional Geometry
4. Organizing Data
5. Graphs
6. Using Graphs To Analyze Data
7. Analysing Graphing & Displaying Data
8. Collecting & Describing Data
9. Review/Assessment