

HELP MATH PROGRAM

Making Math Comprehensible for All Students

SCOPE AND SEQUENCE, GRADE LEVEL CONCEPTS AND SKILLS

GRADE/COURSE	Grade 3- <i>Math Foundations I</i>	Grade 4- <i>Math Foundations II</i>	Grade 5- <i>Math Foundations III</i>	Grades 6-8 - <i>Numbers Make Sense</i>	Grades 6-8 - <i>Algebra From ABC to XYZ</i>	Grades 6-8 - <i>Geometry, Go Figure</i>	Grades 6-8 - <i>Data Analysis; How Likely</i>
SKILL							
Place Value	•	•	•	•			
Addition	•	•	•	•	•		
Subtraction	•	•	•	•			
Multiplication	•	•	•	•	•		
Division	•	•	•	•	•		
Fractions	•	•	•	•	•		
Decimals	•	•	•	•			
Money	•						
Measurement	•	•	•			•	•
Geometry	•	•	•			•	
Negative Numbers		•	•	•	•		•
Factors/Factoring	•	•	•	•	•	•	
Mathematical Expressions		•	•	•	•		
Equations	•	•		•	•		
Perimeter		•				•	
Area	•	•		•		•	
Coordinate		•		•		•	

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SKILL							
Percents			•	•			
Exponents			•	•	•		
Number Lines	•	•	•	•	•		
Ratio & Proportion			•	•	•	•	
Exponents, Scientific Notation			•	•	•		
Operations, Properties of	•	•	•	•	•		
Estimating	•	•	•	•			•
Rounding	•	•	•	•			
Rational Numbers				•			
Irrational Numbers				•			
Graphs				•	•		•
Variables		•			•		
Patterns	•	•			•		
Relationships				•	•		
Functions					•		
Graphing Linear Equations					•		
Algebraic Expressions					•		

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SKILL							
Inequalities					•		
Graphs, Graphing in the Coordinate Plane					•		
Lines and Angles	•	•	•			•	
Polygons	•	•				•	
Triangles	•	•	•			•	
Solid Figures	•	•				•	
Circles	•	•				•	
Volume and Surface Area						•	
Symmetry	•	•				•	
Congruence	•	•				•	
Coordinate Geometry						•	
Transformations						•	
Pythagorean Formula						•	
Data; Relationships, Collection, Analysis					•		•
Central Tendency							•
Probability							•