

GO MATH ©2015 TECH CORRELATIONS GRADE 5

Grade 5								
Chapter	Lesson	Title	Vocab	Animated Math Models	AMM Skill Number	iTools	Mega Math	PD Podcast
1	0	Place Value, Multiplication, and Expressions						
1	1	Investigate • Place Value and Patterns				[Base-Ten Blocks; Show; Thousands]		
1	2	Place Value of Whole Numbers	period	Place Value	1	[Base-Ten Blocks; Show; Thousands]	The Number Games, Tiny's Think Tank, Level A	Place Value and Operations: Whole Numbers Grades 3-6, Segment 1. Represent Numbers in Flexible Ways
1	3	Algebra • Properties	Distributive Property	Algebra: Properties and Mental Math Strategies	5	[Counters; Compare; Counters]		Multiplication and Division Strategies and Facts Grades 3-6, Segment 3. The Distributive Property
1	4	Algebra • Powers of 10 and Exponents	base, exponent	Exponents	20	[Base-Ten Blocks; Show; Thousands]	Ice Station Exploration, Arctic Algebra, Level U	
1	5	Algebra • Multiplication Patterns		Multiplication Patterns	21			
1	6	Multiply by 1-Digit Numbers		Multiply by 1- Digit Numbers	5	[Base-Ten Blocks; Multiply]	The Numbers Games, Up, Up, and Array, Level J	
1	7	Multiply by 2-Digit Numbers		Multiply by 2- Digit Numbers	6		The Numbers Games, Up, Up, and Array, Level K	
1	8	Relate Multiplication to Division	inverse operations					Multiplication and Division Strategies and Facts: Grades 3-6, Segment 4. Think Multiplication to Learn Division Facts; Multiplication and Division: Strategies and Facts, Segment 3. The Distributive Property
1	9	Problem Solving • Multiplication and Division						
1	10	Algebra • Numerical Expressions	numerical expression					

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1	11	Algebra • Evaluate Numerical Expressions	evaluate, order of operations	Order of Operations	52		Ice Station Exploration, Arctic Algebra, Level Q; Ice Station Exploration, Arctic Algebra, Level R	
1	12	Algebra • Grouping Symbols						
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2	0	<b>Divide Whole Numbers</b>						
2	1	Place the First Digit		Place the First Digit	9	[Base-Ten Blocks; Divide]	The Number Games, Up, Up, and Array, Level O; The Number Games, Up, Up, and Array, Level P	
2	2	Divide by 1-Digit Divisors		Divide by 1-Digit Divisors; Zeros in Division	10, 11	[Base-Ten Blocks; Divide]; [Base-Ten Blocks; Show; Thousands]	The Number Games, Up, Up, and Array, Level O; The Number Games, Up, Up, and Array, Level P	
2	3	Investigate • Division with 2-Digit Divisors				[Base-Ten Blocks; Divide]		
2	4	Partial Quotients					The Number Games, Up, Up, and Array, Level R	Place Value and Operations: Whole Numbers Grades 3-6, Segment 5. Divide Whole Numbers
2	5	Estimate with 2-Digit Divisors		Division Patterns to Estimate; Estimate With two-Digit Divisors	14, 15			
2	6	Divide by 2-Digit Divisors		Divide by 2-Digit Divisors	16		The Number Games, Up, Up, and Array, Level R; The Number Games, Up, Up, and Array, Level S	Place Value and Operations: Whole Numbers Grades 3-6, Segment 5. Divide Whole Numbers
2	7	Interpret the Remainder				[Base-Ten Blocks; Divide]	The Number Games, Up, Up, and Array, Level L	Problem Solving: Grades K-6 Segment, 3. Read and Comprehend Math
2	8	Adjust Quotients		Correcting Quotients	17			
2	9	Problem Solving • Division					The Number Games, Up, Up, and Array, Level R; The Number Games, Up, Up, and Array, Level S	Problem Solving: Grades K-6, Segment 1. Representations and Translations; Multiplication and Division Strategies and Facts: Grades 3-6, Segment 2. Models and Visuals for Division

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3	0	<b>Add and Subtract Decimals</b>						
3	1	Investigate • Thousandths	thousandth	Place Value of Decimals	46			
3	2	Place Value of Decimals		Place Value of Decimals	46		Fraction Action, Number Line Mine, Level M	
3	3	Compare and Order Decimals		Compare and Order Decimals	47		Fraction Action, Number Line Mine, Level P; Fraction Action, Number Line Mine, Level Q	Place Value and Operations: Decimals Grades 3-6; Segment 1. Compare Decimals
3	4	Round Decimals					Fraction Action, Number Line Mine, Level R	
3	5	Investigate • Decimal Addition						Place Value and Operations: Decimals Grades 3-6, Segment 2. Add Decimals Using Base-Ten Blocks
3	6	Investigate • Decimal Subtraction						Place Value and Operations: Decimals Grades 3-6, Segment 3. Subtract Decimals on an Open Number Line
3	7	Estimate Decimal Sums and Differences		Estimate Sums and Differences	44			Place Value and Operations: Decimals Grades 3-6, Segment 2. Add Decimals Using Base-Ten Blocks
3	8	Add Decimals					The Number Games, Buggy Bargains, Level E	Place Value and Operations: Decimals Grades 3-6, Segment 2. Add Decimals Using Base-Ten Blocks
3	9	Subtract Decimals		Add and Subtract Decimals	45			Place Value and Operations: Decimals Grades 3-6, Segment 3. Subtract Decimals on an Open Number Line
3	10	Algebra • Patterns with Decimals	sequence term	Add and Subtract Decimals	45			
3	11	Problem Solving • Add and Subtract Money		Add and Subtract Decimals	45	[Measurement; Money; Explore]	The Number Games, Buggy Bargains, Level I	
3	12	Choose a Method		Add and Subtract Decimals	45			
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4	0	<b>Multiply Decimals</b>						
4	1	Algebra • Multiplication Patterns with Decimals						

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4	2	Investigate • Multiply Decimals and Whole Numbers				[Base-Ten Blocks; Multiply]		Place Value and Operations: Decimals Grades 3-6, Segment 4: Multiply Decimals
4	3	Multiplication with Decimals and Whole Numbers				[Base-Ten Blocks; Multiply]		Place Value and Operations: Decimals Grades 3-6, Segment 4: Multiply Decimals
4	4	Multiply Using Expanded Form						
4	5	Problem Solving • Multiply Money					The Number Games, Buggy Bargains, Level J	
4	6	Investigate • Decimal Multiplication					The Number Games, Tiny's Think Tank, Level R	
4	7	Multiply Decimals		Multiply Decimals	(G6) 11	[Base-Ten Blocks; Multiply]	The Number Games, Tiny's Think Tank, Level R	
4	8	Zeros in the Product		Multiply Decimals	(G6) 11		The Number Games, Tiny's Think Tank, Level R	
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5	0	<b>Divide Decimals</b>						
5	1	Algebra • Division Patterns with Decimals		Patterns in Decimal Division	12			
5	2	Investigate • Divide Decimals by Whole Numbers						Place Value and Operations: Decimals Grades 3-6, Segment 5. Divide Decimals
5	3	Estimate Quotients						
5	4	Division of Decimals by Whole Numbers		Divide Decimals by Whole Numbers	12		The Number Games, Buggy Bargains, Level M; The Number Games, Tiny's Think Tank, Level S	Place Value and Operations: Decimals Grades 3-6, Segment 5. Divide Decimals
5	5	Investigate • Decimal Division						Place Value and Operations: Decimals Grades 3-6, Segment 5. Divide Decimals
5	6	Divide Decimals					The Number Games, Buggy Bargains, Level M; The Number Games, Tiny's Think Tank, Level S	Place Value and Operations: Decimals Grades 3-6, Segment 5. Divide Decimals
5	7	Write Zeros in the Dividend		Divide Decimals by Decimals	13			
5	8	Problem Solving • Decimal Operations					The Number Games, Buggy Bargains, Level N; The Number Games, Buggy Bargains, Level O	

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6	0	<b>Add and Subtract Fractions with Unlike Denominators</b>						
6	1	Investigate • Addition with Unlike Denominators				[Fractions; Add; Fraction Bars]	Fraction Action, Fraction Flare Up, Level I	Fraction Operations, Grades 3-6: Segment 1: Add and Subtract Fractions Using a Fraction Kit; Fraction Operations, Grades 3-6: Segment 2: Add and Subtract Fractions Using the Set Model
6	2	Investigate • Subtraction with Unlike Denominators		Add and Subtract Fractions with Unlike Denominators	34	[Fractions; Explore; Fraction Bars]	Fraction Action, Fraction Flare Up, Level J	Fraction Operations, Grades 3-6: Segment 1: Add and Subtract Fractions Using a Fraction Kit; Fraction Operations, Grades 3-6: Segment 2: Add and Subtract Fractions Using the Set Model
6	3	Estimate Fraction Sums and Differences		Estimate Sums and Differences	35		Fraction Action, Number Line Mine, Level K	Fraction Operations, Grades 3-6: Segment 1: Add and Subtract Fractions Using a Fraction Kit; Fraction Operations, Grades 3-6: Segment 2: Add and Subtract Fractions Using the Set Model
6	4	Common Denominators and Equivalent Fractions	common denominator			[Number Chart; Hundred Chart; Show Patterns]	Fraction Action, Fraction Flare Up, Level D	
6	5	Add and Subtract Fractions		Add and Subtract Unlike Fractions	38	[Fractions; Add; Fraction Bars], [Fractions; Subtract; Fraction Bars]	Fraction Action, Fraction Flare Up, Level K	Fraction Operations, Grades 3-6: Segment 1: Add and Subtract Fractions Using a Fraction Kit; Fraction Operations, Grades 3-6: Segment 2: Add and Subtract Fractions Using the Set Model
6	6	Add and Subtract Mixed Numbers		Record Addition and Subtraction with Mixed Numbers	39		The Number Games, Tiny's Think Tank, Level W	
6	7	Subtraction with Renaming		Subtract Mixed Numbers with Renaming	40			
6	8	Algebra • Patterns with Fractions				[Fractions; Add; Fraction Bars], [Fractions; Subtract; Fraction Bars]	Fraction Action, Fraction Flare Up, Level K; The Number Games, Tiny's Think Tank, Level W	

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6	9	Problem Solving • Practice Addition and Subtraction					Fraction Action, Fraction Flare Up, Level K; The Number Games, Tiny's Think Tank, Level W	Fraction Operations: Grades 3-6, Segment 5. Fractions in Real-Life Situations
6	10	Algebra • Use Properties of Addition				[Fractions; Add; Fraction Bars]	Fraction Action, Fraction Flare Up, Level I	
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7	0	Multiply Fractions						
7	1	Find Part of a Group				[Fractions; Show; Two-Color Counters]	Fraction Action, Fraction Flare Up, Level C	
7	2	Investigate • Multiply Fractions and Whole Numbers		Multiply Fractions and Whole Numbers	41	[Fractions; Explore: Fraction Circles]		Fraction Operations, Grades 3-6: Segment 3: Multiply Fractions Using Models
7	3	Fraction and Whole Number Multiplication		Multiply Fractions and Whole Numbers	41	[Fractions; Explore: Fraction Circles]		Fraction Operations, Grades 3-6: Segment 3: Multiply Fractions Using Models
7	4	Investigate • Multiply Fractions		Multiply a Fraction by a Fraction	42	[Fractions: Multiply]	Fraction Action, Fraction Flare Up, Level O	Fraction Operations, Grades 3-6: Segment 3: Multiply Fractions Using Models
7	5	Compare Fraction Factors and Products				[Fractions: Multiply]		
7	6	Fraction Multiplication		Multiply Fractions and Whole Numbers; Multiply a Fraction by a Fraction	41, 42	[Fractions: Multiply]	Fraction Action, Fraction Flare Up, Level O	Fraction Operations, Grades 3-6: Segment 3: Multiply Fractions Using Models
7	7	Investigate • Area and Mixed Numbers						
7	8	Compare Mixed Number Factors and Products						
7	9	Multiply Mixed Numbers				[Fractions: Multiply]		
7	10	Problem Solving • Find Unknown Lengths						
<b>Chapter</b>	<b>Lesson</b>	<b>Title</b>	<b>Vocab</b>	<b>Animated Math Models</b>	<b>AMM Skill Number</b>	<b>iTools</b>	<b>Mega Math</b>	<b>PD Podcast</b>
8	0	Divide Fractions						
8	1	Investigate • Divide Fractions and Whole Numbers		Divide Whole Numbers by Fractions	43	[Fractions; Explore; Fraction Bars]	Fraction Action, Fraction Flare Up, Level P	Fraction Operations, Grades 3-6: Segment 4: Divide Fractions Using Models
8	2	Problem Solving • Use Multiplication		Divide Whole Numbers by Fractions	43			

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8	3	Connect Fractions to Division					Fraction Action, Fraction Flare Up, Level E	Fraction Operations, Grades 3-6: Segment 4: Divide Fractions Using Models
8	4	Fraction and Whole- Number Division		Divide Whole Numbers by Fractions	43		Fraction Action, Fraction Flare Up, Level P	Fraction Operations, Grades 3-6: Segment 4: Divide Fractions Using Models
8	5	Interpret Division with Fractions		Divide Whole Numbers by Fractions	43		Fraction Action, Fraction Flare Up, Level P	Fraction Operations, Grades 3-6: Segment 4: Divide Fractions Using Models
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9	0	<b>Algebra: Patterns and Graphing</b>						
9	1	Line Plots				[Graphs; Line Plot]		
9	2	Ordered Pairs	y-axis, x-axis, x-coordinate, y-coordinate, ordered pair, origin	Graph Ordered Pairs, Use a Coordinate Grid	21 22	[Algebra; Coordinate Grids and Coordinate Planes; Point on Grid]	The Number Games, ArachnaGraph, Level H	
9	3	Investigate • Graph Data				[Algebra; Coordinate Grids and Coordinate Planes; Point on Grid]	The Number Games, ArachnaGraph, Level H	
9	4	Line Graphs	line graph, scale, intervals	Interpret Line Graphs	23	[Graphs; Line Graph; Simple]	The Number Games, ArachnaGraph, Level I; The Number Games, ArachnaGraph, Level J	
9	5	Numerical Patterns				[Number Lines; Skip Count]		
9	6	Problem Solving • Find a Rule				[Algebra; Algebra Tiles; Add], [Algebra; Algebra Tiles; Subtract]	Ice Station Exploration, Arctic Algebra, Level J; Ice Station Exploration, Arctic Algebra, Level K	
9	7	Graph and Analyze Relationships		Graph Ordered Pairs, Use a Coordinate Grid	21 22	[Algebra; Coordinate Grids and Coordinate Planes; Point on Grid]	The Number Games, ArachnaGraph, Level H	
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10	0	<b>Convert Units of Measure</b>						
10	1	Customary Length		Change Linear Units	59	[Measurement; Equivalent Measures; Length]	The Number Games, Tiny's Think Tank, Level M	

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10	2	Customary Capacity	Capacity	Customary Capacity	60	[Measurement; Equivalent Measures; Capacity]	The Number Games, Tiny's Think Tank, Level N	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 2. Capacity with Customary Units
10	3	Weight		Customary Weight	61	[Measurement; Equivalent Measures; Weight/Mass]	The Number Games, Tiny's Think Tank, Level O	
10	4	Multistep Measurement Problems		Change Linear Units; Customary Capacity; Customary Weight	59; 60; 61	[Measurement; Equivalent Measures; Length]; [Measurement; Equivalent Measures; Weight/Mass]; [Measurement; Equivalent Measures; Capacity]	The Number Games, Tiny's Think Tank, Level M; The Number Games, Tiny's Think Tank, Level N; The Number Games, Tiny's Think Tank, Level O	
10	5	Metric Measures	dekameter	Metric Capacity; Mass	62; 63	[Measurement; Equivalent Measures; Length]; [Measurement; Equivalent Measures; Weight/Mass]; [Measurement; Equivalent Measures; Capacity]	The Number Games, Tiny's Think Tank, Level Q	
10	6	Problem Solving • Customary and Metric Conversions		Change Linear Units; Customary Capacity	59; 60	[Number Charts; Multiplication Chart]	The Number Games, Tiny's Think Tank, Level M; The Number Games, Tiny's Think Tank, Level N; The Number Games, Tiny's Think Tank, Level Q	
10	7	Elapsed Time		Change Units of Time; Elapsed Time on a Clock	64; 65	[Measurement; Clocks; Elapsed Time]	The Number Games, Tiny's Think Tank, Level D; Country Countdown, Clock-a- Doodle-Do, Level K	
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11	0	<b>Geometry and Volume</b>						
11	1	Polygons	congruent, polygon, regular polygon	Polygons	68	[Geometry; Plane Figures; Count]; [Geometry; Draw; Draw polygons]	Ice Station Exploration, Polar Planes, Level D	Algebraic Thinking: Grades K-6, Segment 2. Identify Attributes
11	2	Triangles	equilateral, isosceles, scalene	Classify Triangles	69	[Geometry; Draw; Draw Polygons]	Ice Station Exploration, Polar Planes, Level E; Ice Station Exploration, Polar Planes, Level F	



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11	3	Quadrilaterals		Classify Quadrilaterals	70	[Geometry; Draw; Draw Polygons]	Ice Station Exploration, Polar Planes, Level G	Algebraic Thinking: Grades K-6, Segment 2. Identify Attributes
11	4	Problem Solving • Properties of Two Dimensional Figures				[Geometry; Plane Figures; Congruent]		
11	5	Three-Dimensional Figures	bases lateral faces polyhedrons prism pyramid	Solid Figures	71	[Geometry; Solid Figures; View the faces], [Geometry; Explore; Plain and Solid Figures]	Ice Station Exploration, Frozen Solids, Level A; Ice Station Exploration, Frozen Solids, Level K	
11	6	Investigate • Unit Cubes and Solid Figures	unit cube					
11	7	Investigate • Understand Volume	cubic unit volume			[Geometry; Perimeter and Area; Rectangle]	Shapes Ahoy, Undersea 3D, Level H	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area
11	8	Investigate • Estimate Volume					Shapes Ahoy, Undersea 3D, Level H	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area
11	9	Volume of Rectangular Prisms					Shapes Ahoy, Undersea 3D, Level H	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area
11	10	Algebra • Apply Volume Formulas		Find Volume	79		Ice Station Exploration, Frozen Solids, Level J	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area
11	11	Problem Solving • Compare Volumes		Find Volume	79		Ice Station Exploration, Frozen Solids, Level J	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area
11	12	Find Volume of Composed Figures		Find Volume	79		Ice Station Exploration, Frozen Solids, Level J	Measurement and Geometry: Perimeter, Area, and Volume: Grades 3-6, Segment 4. Volume and Surface Area