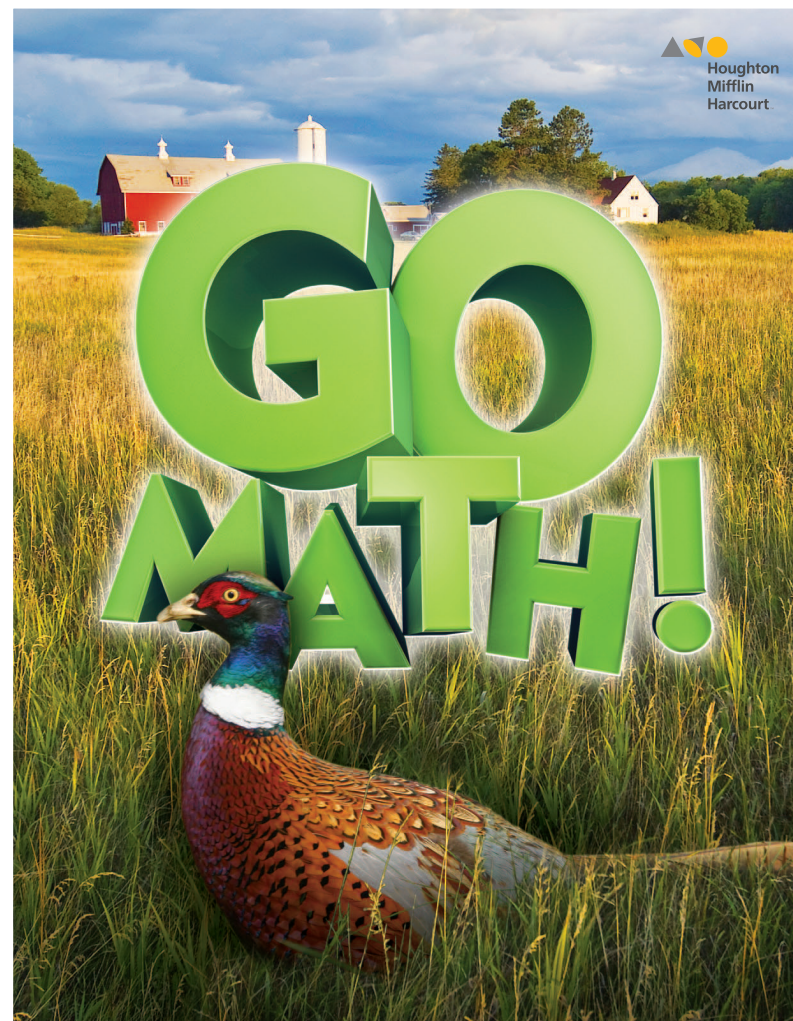


Parent's Guide to *GO Math!* Technology Correlation



Grade 5



Not sure how to help your child with homework? Looking for extra practice to help your child succeed? **GO Math!**[®] Grade 5 has a variety of resources that can help you understand lesson content and provide your child with educational opportunities online.

These resources can be accessed through your child's ThinkCentral account. After logging in, click on Student Library and you'll find the resources described below. The items in the Student Library are for practice at any time. Usage and results are not sent to the teacher. Make sure you also check your child's To Do list, which may contain assignments from the teacher that will send results to the teacher.

Interactive Student Edition

These activities explain the content of the lesson using a few examples. The last two screens offer practice problems from the **Personal Math Trainer**[®] Powered by Knewton[™].

Math on the Spot

These videos feature a **GO Math!** author discussing lesson content and solving a problem that exemplifies lesson content. They can also be accessed via the QR codes in the print student book.

Animated Math Models*

These mini-lessons focus on a specific skill that relates to the lesson.

iTools*

These virtual manipulatives may be used in the classroom to help students model and discuss problems in the lesson.

Mega Math*

This game-like environment will challenge students to answer questions related to the lesson content.

**These online resources require Flash.*

Chapter 1: Place Value, Multiplication, and Expressions

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Investigate • Place Value and Patterns	✓	✓			Base-Ten Blocks—Activity 1: Show (Thousands)		1
2	Place Value of Whole Numbers	✓	✓	Place Value	1		The Number Games, Tiny's Think Tank, Level A	2
3	Algebra • Properties	✓	✓	Algebra: Properties and Mental Math Strategies	5	Counters—Activity 2: Compare (Counters)		3
4	Algebra • Powers of 10 and Exponents	✓	✓	Exponents	20	Base-Ten Blocks—Activity 1: Show (Thousands)	Ice Station Exploration, Arctic Algebra, Level U	4
5	Algebra • Multiplication Patterns	✓	✓	Multiplication Patterns	21			5
6	Multiply by 1-Digit Numbers	✓	✓	Multiply by 1-Digit Numbers	5	Base-Ten Blocks—Activity 5: Multiply	The Numbers Games, Up, Up, and Array, Level J	6
7	Multiply by 2-Digit Numbers	✓	✓	Multiply by 2-Digit Numbers	6		The Numbers Games, Up, Up, and Array, Level K	7
8	Relate Multiplication to Division	✓	✓					8
9	Problem Solving • Multiplication and Division	✓	✓					9
10	Algebra • Numerical Expressions	✓	✓					10
11	Algebra • Evaluate Numerical Expressions	✓	✓	Order of Operations	52		Ice Station Exploration, Arctic Algebra, Levels Q and R	11
12	Algebra • Grouping Symbols	✓	✓					12

Chapter 2: Divide Whole Numbers

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Place the First Digit	✓	✓	Place the First Digit	9	Base-Ten Blocks—Activity 6: Divide	The Number Games, Up, Up, and Array, Levels O and P	1
2	Divide by 1-Digit Divisors	✓	✓	Divide by 1-Digit Divisors Zeros in Division	10 11	Base-Ten Blocks—Activity 6: Divide Base-Ten Blocks—Activity 1: Show (Thousands)		2
3	Investigate • Division with 2-Digit Divisors	✓	✓			Base-Ten Blocks—Activity 6: Divide		3
4	Partial Quotients	✓	✓				The Number Games, Up, Up, and Array, Level R	4
5	Estimate with 2-Digit Divisors	✓	✓	Division Patterns to Estimate Estimate With Two-Digit Divisors	14 15			5
6	Divide by 2-Digit Divisors	✓	✓	Divide by 2-Digit Divisors	16		The Number Games, Up, Up, and Array, Levels R and S	6
7	Interpret the Remainder	✓	✓			Base-Ten Blocks—Activity 6: Divide	The Number Games, Up, Up, and Array, Level L	7
8	Adjust Quotients	✓	✓	Correcting Quotients	17			8
9	Problem Solving • Division	✓	✓				The Number Games, Up, Up, and Array, Levels R and S	9

Chapter 3: Add and Subtract Decimals

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Investigate • Thousandths	✓	✓	Place Value of Decimals	46			1
2	Place Value of Decimals	✓	✓				Fraction Action, Number Line Mine, Level M	2
3	Compare and Order Decimals	✓	✓	Compare and Order Decimals	47		Fraction Action, Number Line Mine, Levels P and Q	3
4	Round Decimals	✓	✓				Fraction Action, Number Line Mine, Level R	4
5	Investigate • Decimal Addition	✓	✓					5
6	Investigate • Decimal Subtraction	✓	✓					6
7	Estimate Decimal Sums and Differences	✓	✓	Estimate Sums and Differences	44			7
8	Add Decimals	✓	✓				The Number Games, Buggy Bargains, Level E	8
9	Subtract Decimals	✓	✓	Add and Subtract Decimals	45			9
10	Algebra • Patterns with Decimals	✓	✓					10
11	Problem Solving • Add and Subtract Money	✓	✓			Measurement—Activity 5: Money (Explore)	The Number Games, Buggy Bargains, Level I	11
12	Choose a Method	✓	✓					12

Chapter 4: Multiply Decimals

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Algebra • Multiplication Patterns with Decimals	✓	✓					1
2	Investigate • Multiply Decimals and Whole Numbers	✓	✓			Base-Ten Blocks—Activity 5: Multiply		2
3	Multiplication with Decimals and Whole Numbers	✓	✓					3
4	Multiply Using Expanded Form	✓	✓					4
5	Problem Solving • Multiply Money	✓	✓				The Number Games, Buggy Bargains, Level J	5
6	Investigate • Decimal Multiplication	✓	✓				The Number Games, Tiny's Think Tank, Level R	6
7	Multiply Decimals	✓	✓	Multiply Decimals	Grade 6 Skill 11	Base-Ten Blocks—Activity 5: Multiply		7
8	Zeros in the Product	✓	✓					8

Chapter 5: Divide Decimals

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Algebra • Division Patterns with Decimals	✓	✓	Patterns in Decimal Division	12			1
2	Investigate • Divide Decimals by Whole Numbers	✓	✓					2
3	Estimate Quotients	✓	✓					3
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	4
5	Investigate • Decimal Division	✓	✓					5
6	Divide Decimals	✓	✓				The Number Games, Buggy Bargains, Level M The Number Games, Tiny's Think Tank, Level S	6
7	Write Zeros in the Dividend	✓	✓	Divide Decimals by Decimals	13			7
8	Problem Solving • Decimal Operations	✓	✓				The Number Games, Buggy Bargains, Levels N and O	8

Chapter 6: Add and Subtract Fractions with Unlike Denominators

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Investigate • Addition with Unlike Denominators	✓	✓			Fractions—Activity 3: Add (Fraction Bars)	Fraction Action, Fraction Flare Up, Level I	1
2	Investigate • Subtraction with Unlike Denominators	✓	✓	Add and Subtract Fractions with Unlike Denominators	34	Fractions—Activity 7: Explore (Fraction Bars)	Fraction Action, Fraction Flare Up, Level J	2
3	Estimate Fraction Sums and Differences	✓	✓	Estimate Sums and Differences	35		Fraction Action, Number Line Mine, Level K	3
4	Common Denominators and Equivalent Fractions	✓	✓			Number Charts—Activity 1: Hundred Chart (Show Patterns)	Fraction Action, Fraction Flare Up, Level D	4
5	Add and Subtract Fractions	✓	✓	Add and Subtract Unlike Fractions	38	Fractions—Activity 3: Add (Fraction Bars) Fractions—Activity 4: Subtract (Fraction Bars)	Fraction Action, Fraction Flare Up, Level K	5
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			7
8	Algebra • Patterns with Fractions	✓	✓			Fractions—Activity 3: Add (Fraction Bars) Fractions—Activity 4: Subtract (Fraction Bars)	Fraction Action, Fraction Flare Up, Level K The Number Games, Tiny's Think Tank, Level W	8
9	Problem Solving • Practice Addition and Subtraction	✓	✓					9
10	Algebra • Use Properties of Addition	✓	✓			Fractions—Activity 3: Add (Fraction Bars)	Fraction Action, Fraction Flare Up, Level I	10

Chapter 7: Multiply Fractions

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Find Part of a Group	✓	✓			Fractions—Activity 1: Show (Two-Color Counters)	Fraction Action, Fraction Flare Up, Level C	1
2	Investigate • Multiply Fractions and Whole Numbers	✓	✓	Multiply Fractions and Whole Numbers	41	Fractions—Activity 7: Explore (Fraction Circles)		2
3	Fraction and Whole Number Multiplication	✓	✓					3
4	Investigate • Multiply Fractions	✓	✓	Multiply a Fraction by a Fraction	42	Fractions—Activity 5: Multiply	Fraction Action, Fraction Flare Up, Level O	4
5	Compare Fraction Factors and Products	✓	✓					5
6	Fraction Multiplication	✓	✓	Multiply Fractions and Whole Numbers Multiply a Fraction by a Fraction	41 42		Fraction Action, Fraction Flare Up, Level O	6
7	Investigate • Area and Mixed Numbers	✓	✓					7
8	Compare Mixed Number Factors and Products	✓	✓					8
9	Multiply Mixed Numbers	✓	✓			Fractions—Activity 5: Multiply		9
10	Problem Solving • Find Unknown Lengths	✓	✓					10

Chapter 8: Divide Fractions

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Investigate • Divide Fractions and Whole Numbers	✓	✓	Divide Whole Numbers by Fractions	43	Fractions—Activity 7: Explore (Fraction Bars)	Fraction Action, Fraction Flare Up, Level P	1
2	Problem Solving • Use Multiplication	✓	✓					2
3	Connect Fractions to Division	✓	✓				Fraction Action, Fraction Flare Up, Level E	3
4	Fraction and Whole-Number Division	✓	✓	Divide Whole Numbers by Fractions	43		Fraction Action, Fraction Flare Up, Level P	4
5	Interpret Division with Fractions	✓	✓					5

Chapter 9: Algebra: Patterns and Graphing

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Line Plots	✓	✓			Graphs—Activity 6: Line Plot		1
2	Ordered Pairs	✓	✓	Graph Ordered Pairs Use a Coordinate Grid	21 22	Algebra—Activity 3: Coordinate Grids and Coordinate Planes (Points on a Grid)	The Number Games, ArachnaGraph, Level H	2
3	Investigate • Graph Data	✓	✓					3
4	Line Graphs	✓	✓	Interpret Line Graphs	23	Graphs—Activity 5: Line Graph (Basic)	The Number Games, ArachnaGraph, Level I The Number Games, ArachnaGraph, Level J	4
5	Numerical Patterns	✓	✓			Number Lines—Activity 3: Skip Count		5
6	Problem Solving • Find a Rule	✓	✓			Algebra—Activity 4: Algebra Tiles (Add) and (Subtract)	Ice Station Exploration, Arctic Algebra, Levels J and K	6
7	Graph and Analyze Relationships	✓	✓	Graph Ordered Pairs Use a Coordinate Grid	21 22	Algebra—Activity 3: Coordinate Grids and Coordinate Planes (Points on a Grid)	The Number Games, ArachnaGraph, Level H	7

Chapter 10: Convert Units of Measure

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Customary Length	✓	✓	Change Linear Units	59	Measurement—Activity 2: Equivalent Measures (Length)	The Number Games, Tiny's Think Tank, Level M	1
2	Customary Capacity	✓	✓	Customary Capacity	60	Measurement—Activity 2: Equivalent Measures (Capacity)	The Number Games, Tiny's Think Tank, Level N	2
3	Weight	✓	✓	Customary Weight	61	Measurement—Activity 2: Equivalent Measures (Weight/Mass)	The Number Games, Tiny's Think Tank, Level O	3
4	Multistep Measurement Problems	✓	✓	Change Linear Units Customary Capacity Customary Weight	59 60 61	Measurement—Activity 2: Equivalent Measures (Capacity), (Length), and (Weight/Mass)	The Number Games, Tiny's Think Tank, Levels M, N, and O	4
5	Metric Measures	✓	✓	Metric Capacity Mass	62 63		The Number Games, Tiny's Think Tank, Level Q	5
6	Problem Solving • Customary and Metric Conversions	✓	✓	Change Linear Units Customary Capacity	59 60	Number Charts—Activity 3: Multiplication Chart	The Number Games, Tiny's Think Tank, Levels I, M, and N	6
7	Elapsed Time	✓	✓	Change Units of Time Elapsed Time on a Clock	64 65	Measurement—Activity 3: Clocks (Elapsed Time)	The Number Games, Tiny's Think Tank, Level D Country Countdown, Clock-a-Doodle-Do, Level K	7

Chapter 11: Geometry and Volume

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Lesson Number
				Activity Name	Skill Number			
1	Polygons	✓	✓	Polygons	68	Geometry—Activity 2: Plane Figures (Sides and Vertices) Geometry—Activity 5: Draw (Polygons)	Ice Station Exploration, Polar Planes, Level D	1
2	Triangles	✓	✓	Classify Triangles	69	Geometry—Activity 5: Draw (Polygons)	Ice Station Exploration, Polar Planes, Levels E and F	2
3	Quadrilaterals	✓	✓	Classify Quadrilaterals	70		Ice Station Exploration, Polar Planes, Level G	3
4	Problem Solving • Properties of Two-Dimensional Figures	✓	✓			Geometry—Activity 2: Plane Figures (Congruent)		4
5	Three-Dimensional Figures	✓	✓	Solid Figures	71	Geometry—Activity 1: Solid Figures (Different Views) Geometry—Activity 6: Explore (Plain and Solid Figures)	Ice Station Exploration, Frozen Solids, Levels A and K	5
6	Investigate • Unit Cubes and Solid Figures	✓	✓					6
7	Investigate • Understand Volume	✓	✓			Geometry—Activity 3: Area and Perimeter (Rectangle)	Shapes Ahoy, Undersea 3D, Level H	7
8	Investigate • Estimate Volume	✓	✓					8
9	Volume of Rectangular Prisms	✓	✓					9
10	Algebra • Apply Volume Formulas	✓	✓	Find Volume	79		Ice Station Exploration, Frozen Solids, Level J	10
11	Problem Solving • Compare Volumes	✓	✓					11
12	Find Volume of Composed Figures	✓	✓					12

NOTES

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