



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



Not sure how to help your child with homework? Looking for extra practice to help your child succeed? **GO Math!**[®] Grade K 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: Represent, Count, and Write Numbers 0 to 5

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Model and Count 1 and 2	✓	✓	Model, Read, and Write 1 and 2	1	Counters— Activity 1: Count (Counters)		One, two, match
2	Count and Write 1 and 2	✓	✓					One, two
3	Hands On • Model and Count 3 and 4	✓	✓	Model, Read, and Write 3 and 4	2			Three, four, match
4	Count and Write 3 and 4	✓	✓					Three, four
5	Hands On • Model and Count 5	✓	✓	Model, Read, and Write 5	3		Country Countdown, Counting Critters, Level A Country Countdown, Harrison's Comparisons, Level A	Five
6	Count and Write 5	✓	✓					Five
7	Hands On: Algebra • Ways to Make 5	✓	✓					Pairs, and, one, two, three, four, five
8	Hands On • Count and Order to 5	✓	✓	Order Numbers to 5	4			Larger, one, two, three, four, five
9	Problem Solving • Understand 0	✓	✓	Model, Read, and Write 0	5		Country Countdown, Harrison's Comparisons, Level C	Zero, fewer, more
10	Identify and Write 0	✓	✓					Zero

Chapter 2: Compare Numbers to 5

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Same Number	✓	✓	Same, One More, or One Fewer	6	Counters—Activity 2: Compare (Counters)	Country Countdown, Counting Critters, Level A Country Countdown, Harrison's Comparisons, Level A	Same number, compare, match
2	Hands On • Greater Than	✓	✓					Greater, more, compare
3	Hands On • Less Than	✓	✓					Less, fewer, compare
4	Problem Solving • Compare by Matching Sets to 5	✓	✓	Compare Numbers to 5	7	Counters—Activity 2: Compare (Counters) Algebra—Activity 1: Number Balance		Match, same number, greater, less, more, fewer, compare
5	Compare by Counting Sets to 5	✓	✓					Compare, one, two, three, four, five

Chapter 3: Represent, Count, and Write Numbers 6 to 9

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Model and Count 6	✓	✓	Model, Read, and Write 6	8	Counters— Activity 1: Count (Counters)		Six, match
2	Count and Write 6	✓	✓					Six
3	Hands On • Model and Count 7	✓	✓	Model, Read, and Write 7	9			Seven, match
4	Count and Write 7	✓	✓					Seven
5	Hands On • Model and Count 8	✓	✓	Model, Read, and Write 8	10			Eight, match
6	Count and Write 8	✓	✓					Eight
7	Hands On • Model and Count 9	✓	✓	Model, Read, and Write 9	11		Country Countdown, Counting Critters, Levels B and C	Nine
8	Count and Write 9	✓	✓					
9	Problem Solving • Numbers to 9	✓	✓					

Chapter 4: Represent and Compare Numbers to 10

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Model and Count 10	✓	✓	Model, Read, and Write 10	12	Counters— Activity 1: Count (Counters)	Country Countdown, Counting Critters, Levels B and C	Ten, match
2	Count and Write 10	✓	✓				Country Countdown, Counting Critters, Level D	Ten
3	Hands On: Algebra • Ways to Make 10	✓	✓	Ways to Make 10	13			And, pairs, one, two, three, four, five, six, seven, eight, nine, ten
4	Count and Order to 10	✓	✓	Count Forward to 10 and Count Backward from 10	14	Number Line— Activity 5: Explore	Country Countdown, Counting Critters, Level C	One, two, three, four, five, six, seven, eight, nine, ten
5	Problem Solving • Compare by Matching Sets to 10	✓	✓			Counters— Activity 2: Compare (Counters)		Compare, greater, less, match, one, two, three, four, five, six, seven, eight, nine, ten
6	Compare by Counting Sets to 10	✓	✓					Compare, greater, less, one, two, three, four, five, six, seven, eight, nine, ten
7	Compare Two Numbers	✓	✓					Greater, less, one, two, three, four, five, six, seven, eight, nine, ten

Chapter 5: Addition

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Addition: Add To	✓	✓					Add
2	Hands On • Addition: Put Together	✓	✓					Plus
3	Problem Solving • Act Out Addition Problems	✓	✓					Is equal to, plus
4	Hands On: Algebra • Model and Draw Addition Problems	✓	✓	Model Joining	15		Country Countdown, Block Busters, Level A	Plus, is equal to
5	Algebra • Write Addition Sentences for 10	✓	✓	Ways to Make 10 Model Joining Use Symbols to Add	13 15 16		Country Countdown, Counting Critters, Level G	Plus, is equal to
6	Algebra • Write Addition Sentences	✓	✓	Model Joining Use Symbols to Add	15 16	Counters— Activity 3: Add (2 Addends)		Plus, is equal to
7	Algebra • Write More Addition Sentences	✓	✓				Country Countdown, Counting Critters, Level G	Plus, is equal to
8	Hands On: Algebra • Number Pairs to 5	✓	✓					Plus, is equal to, one, two, three, four, five, pair
9	Hands On: Algebra • Number Pairs for 6 and 7	✓	✓					Plus, is equal to, one, two, three, four, five, pair, six, seven
10	Hands On: Algebra • Number Pairs for 8	✓	✓					Plus, is equal to, one, two, three, four, five, pair, six, seven, eight
11	Hands On: Algebra • Number Pairs for 9	✓	✓					Plus, is equal to, one, two, three, four, five, pair, six, seven, eight, nine
12	Hands On: Algebra • Number Pairs for 10	✓	✓	Ways to Make 10 Model Joining Use Symbols to Add	13 15 16		Country Countdown, Counting Critters, Level G	Plus, is equal to, one, two, three, four, five, pair, six, seven, eight, nine, ten

Chapter 6: Subtraction

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Subtraction: Take From	✓	✓			Counters— Activity 3: Add		Subtract
2	Hands On • Subtraction: Take Apart	✓	✓					Minus
3	Problem Solving • Act Out Subtraction Problems	✓	✓			Counters— Activity 4: Subtract		Is equal to, minus
4	Hands On: Algebra • Model and Draw Subtraction Problems	✓	✓	Model Separating	17		Country Countdown, Block Busters, Level B	Is equal to, minus
5	Algebra • Write Subtraction Sentences	✓	✓	Model Separating Use Symbols to Subtract	17 18			Is equal to, minus
6	Algebra • Write More Subtraction Sentences	✓	✓	Use Symbols to Subtract	18		Country Countdown, Counting Critters, Level H	Is equal to, minus
7	Hands On: Algebra • Addition and Subtraction	✓	✓	Write Addition and Subtraction Sentences	19	Counters— Activity 3: Add Counters— Activity 4: Subtract	Numberopolis, Carnival Stories, Levels A and B	Plus, is equal to, minus

Chapter 7: Represent, Count, and Write 11 to 19

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Model and Count 11 and 12	✓	✓	Model, Read, and Write 11 and 12	20	Counters— Activity 1: Count (Counters)	Country Countdown, Counting Critters, Level D	Eleven, twelve, ones
2	Count and Write 11 and 12	✓	✓					Eleven, twelve
3	Hands On • Model and Count 13 and 14	✓	✓	Model, Read, and Write 13 and 14	21			Thirteen, fourteen, ones
4	Count and Write 13 and 14	✓	✓					Thirteen, fourteen
5	Hands On • Model, Count, and Write 15	✓	✓	Model, Read, and Write 15	22			Fifteen, ones
6	Problem Solving • Use Numbers to 15	✓	✓					Fifteen
7	Hands On • Model and Count 16 and 17	✓	✓	Model, Read, and Write 16 and 17	23			Sixteen, seventeen, ones
8	Count and Write 16 and 17	✓	✓					Sixteen, seventeen
9	Hands On • Model and Count 18 and 19	✓	✓	Model, Read, and Write 18 and 19	24			Eighteen, nineteen, ones
10	Count and Write 18 and 19	✓	✓					Eighteen, nineteen

Chapter 8: Represent, Count, and Write 20 and Beyond

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Model and Count 20	✓	✓	Model, Read, and Write 20	25	Counters—Activity 1: Count (Ten Frames)	Country Countdown, Counting Critters, Level D	Twenty
2	Count and Write 20	✓	✓					Twenty
3	Count and Order to 20	✓	✓	Count and Order Numbers to 20	26		Numberopolis, Cross Town Number Line, Level C	One, two, three, four, five, pair, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty
4	Problem Solving • Compare Numbers to 20	✓	✓	Count Forward and Backward	27	Counters—Activity 2: Compare (Ten Frames)	Country Countdown, Counting Critters, Level D	Compare, one, two, three, four, five, pair, six, seven, eight, nine, ten, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty
5	Count to 50 by Ones	✓	✓					Fifty
6	Count to 100 by Ones	✓	✓	Count to 100	28	Number Charts—Activity 1: Hundred Chart		One hundred
7	Count to 100 by Tens	✓	✓					Tens
8	Count by Tens	✓	✓					Tens

Chapter 9: Identify and Describe Two-Dimensional Shapes

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Identify and Name Circles	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy! Ship Shapes, Level G	Circle, two-dimensional shapes
2	Describe Circles	✓	✓			Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy! Ship Shapes, Levels G and J	Curve, circle
3	Identify and Name Squares	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy! Ship Shapes, Level G	Corners, sides, square, vertex, vertices, two-dimensional shapes
4	Describe Squares	✓	✓			Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy! Ship Shapes, Levels G and J	Sides, vertex, vertices, corners, square, sides of equal length
5	Identify and Name Triangles	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy! Ship Shapes, Level G	Triangle, two-dimensional shapes
6	Describe Triangles	✓	✓			Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy! Ship Shapes, Levels G and J	Corners, sides, triangle, vertex, vertices
7	Identify and Name Rectangles	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy! Ship Shapes, Level G	Rectangle, sides of equal length, two-dimensional shapes
8	Describe Rectangles	✓	✓			Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy! Ship Shapes, Levels G and J	Rectangle, sides of equal length, sides, vertex, vertices, corners
9	Identify and Name Hexagons	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy! Ship Shapes, Levels I and J	Hexagon, two-dimensional shapes
10	Describe Hexagons	✓	✓			Geometry—Activity 2: Plane Figures (Sides and Vertices)		Corners, hexagon, sides, vertex, vertices
11	Hands On: Algebra • Compare Two-Dimensional Shapes	✓	✓	Sort and Describe by Shape	29	Counters—Activity 7: Explore (Sort) Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy! Sea Cave Sorting, Level K	Alike, different, two-dimensional shapes
12	Problem Solving • Draw to Join Shapes	✓	✓	Combine Plane Figures	30		Shapes Ahoy! Ship Shapes, Level K	

Chapter 10: Identify and Describe Three-Dimensional Shapes

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Three-Dimensional Shapes	✓	✓			Counters—Activity 7: Explore (Sort) Geometry—Activity 4: Explore	Shapes Ahoy! Undersea 3D, Level G Shapes Ahoy!, Sea Cave Sorting, Level I	Flat surface, curved surface, roll, stack, slide
2	Hands On • Identify, Name, and Describe Spheres	✓	✓			Geometry—Activity 1: Solid Figures (Faces, Edges, and Vertices)	Shapes Ahoy! Undersea 3D, Levels A and C	Sphere, three-dimensional shapes, curved surface
3	Hands On • Identify, Name, and Describe Cubes	✓	✓			Geometry—Activity 1: Solid Figures (Different Views)		Cube, three-dimensional shapes, flat surface
4	Hands On • Identify, Name, and Describe Cylinders	✓	✓					Cylinder, three-dimensional shapes, flat surface, curved surface
5	Hands On • Identify, Name, and Describe Cones	✓	✓					Cone, three-dimensional shapes, flat surface, curved surface
6	Problem Solving • Two- and Three-Dimensional Shapes	✓	✓			Geometry—Activity 4: Explore		Flat, solid, three-dimensional shapes, two-dimensional shapes
7	Above and Below	✓	✓	Position Words	31			
8	Beside and Next To	✓	✓			Geometry—Activity 1: Solid Figures		Above, below
9	In Front Of and Behind	✓	✓					Beside, next to

Chapter 11: Measurement

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On • Compare Lengths	✓	✓	Compare Lengths	32	Counters—Activity 2: Compare (Counters)	Shapes Ahoy! Made to Measure, Level A	Longer, shorter, same length
2	Hands On • Compare Heights	✓	✓	Compare Heights	33			Same height, taller, shorter
3	Problem Solving • Direct Comparison	✓	✓					Longer, same height, same length, shorter, taller
4	Hands On • Compare Weights	✓	✓	Compare and Order Weights	34		Country Countdown, Harrison's Comparisons, Levels E and F	Heavier, lighter, same weight
5	Length, Height, and Weight	✓	✓					Heavier, lighter, longer, taller, shorter

Chapter 12: Classify and Sort Data

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Hands On: Algebra • Classify and Count by Color	✓	✓	Sort and Describe by Color	35	Counters—Activity 7: Explore (Sort)	Shapes Ahoy!, Sea Cave Sorting, Level A	Color, red, blue, green, yellow, classify, category
2	Hands On: Algebra • Classify and Count by Shape	✓	✓	Sort and Describe by Shape	29	Counters—Activity 7: Explore (Sort) Geometry—Activity 4: Explore		Shape, category, classify
3	Hands On: Algebra • Classify and Count by Size	✓	✓	Sort and Describe by Size	36	Counters—Activity 7: Explore (Sort)	Shapes Ahoy! Sea Cave Sorting, Level B	Size, small, big, category, classify
4	Hands On • Make a Concrete Graph	✓	✓	Make and Read Picture Graphs	37	Graphs—Activity 2: Picture Graphs	Country Countdown, White Water Graphing, Level B	Graph, category, classify
5	Read a Graph	✓	✓					Graph, category, classify
6	Problem Solving • Sort and Count	✓	✓			Counters—Activity 7: Explore (Sort)	Shapes Ahoy!, Sea Cave Sorting, Level A	

NOTES

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