



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 | ✓ | ✓ | | | | | |
| 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 | ✓ | ✓ | | | | | |

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 | Same number, compare, match |
| 2 | Hands On • Greater Than | ✓ | ✓ | | | | Country Countdown, Harrison's Comparisons, Level A | 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 | ✓ | ✓ | | | Counters— Activity 3: Add (2 Addends) | | 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 | | | 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 | ✓ | ✓ | | | | | Is equal to, minus |
| 4 | Hands On: Algebra • Model and Draw Subtraction Problems | ✓ | ✓ | Model Separating | 17 | Counters— Activity 4: Subtract | 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 | |

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