



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 1 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: Addition Concepts

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Algebra • Use Pictures to Add To	✓	✓	Model Joining	1	Counters— Activity 3: Add (Add 2 Addends)	Country Countdown, Block Busters, Level A	
2	Hands On • Model Adding To	✓	✓	Use Symbols To Add	2		Country Countdown, Block Busters, Level C Country Countdown, Counting Critters, Level G	Plus +, is equal to =, sum, addition sentence
3	Hands On • Model Putting Together	✓	✓				Numberopolis, Carnival Stories, Level A	Add
4	Problem Solving • Model Addition	✓	✓					
5	Algebra • Add Zero	✓	✓	Add Zero	3			Zero
6	Hands On: Algebra • Add in Any Order	✓	✓	Add in Any Order	4			Order, addends
7	Hands On: Algebra • Put Together Numbers to 10	✓	✓	Ways to Make Numbers to 8	5			
8	Addition to 10	✓	✓				Country Countdown, Block Busters, Level E Numberopolis, Carnival Stories, Level A	

Chapter 2: Subtraction Concepts

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Use Pictures to Show Taking From	✓	✓	Model Separating	6	Counters— Activity 4: Subtract	Country Countdown, Block Busters, Level B Numberopolis, Carnival Stories, Level B	Minus, difference, subtraction sentence
2	Hands On • Model Taking From	✓	✓	Model Separating Use Symbols to Subtract	6 7			
3	Hands On • Model Taking Apart	✓	✓				Numberopolis, Carnival Stories, Level B	Subtract
4	Problem Solving • Model Subtraction	✓	✓	Model Part- Part-Whole	8		Numberopolis, Lulu's Lunch Counter, Level D	
5	Use Pictures and Subtraction to Compare	✓	✓	Subtract to Compare	9	Counters— Activity 2: Compare (Counters)	Numberopolis, Carnival Stories, Level C	Compare, fewer, more
6	Hands On • Subtract to Compare	✓	✓					
7	Subtract All or Zero	✓	✓	Subtract All or 0	10	Counters— Activity 4: Subtract	Country Countdown, Block Busters, Level D	
8	Hands On: Algebra • Take Apart Numbers	✓	✓	Take Apart Numbers from 8 or Less	11			
9	Subtraction from 10 or Less	✓	✓				Country Countdown, Block Busters, Level F	

Chapter 3: Addition Strategies

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Algebra • Add in Any Order	✓	✓	Add in Any Order	12	Counters—Activity 3: Add (Add 2 Addends)	Country Countdown, BlockBusters, Level E Country Countdown, Counting Critters, Level M Numberopolis, Carnival Stories, Level K	
2	Count On	✓	✓	Count on to Add	13	Number Lines—Activity 1: Add	Numberopolis, Cross Town Number Line, Levels D and F	Count on
3	Hands On • Add Doubles	✓	✓	Add Doubles	14	Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Levels F and S	Doubles
4	Hands On • Use Doubles to Add	✓	✓			Counters—Activity 3: Add (Add 2 Addends)		
5	Hands On • Doubles Plus 1 and Doubles Minus 1	✓	✓	Doubles Plus One	15	Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Levels J and O	Doubles plus one, doubles minus one
6	Practice the Strategies	✓	✓	Count on to Add	13	Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Levels J, O, and S Numberopolis, Carnival Stories, Level F Numberopolis, Cross Town Number Line, Level F	
				Doubles and Doubles Plus One	16	Number Lines—Activity 1: Add		
7	Hands On • Add 10 and More	✓	✓			Counters—Activity 1: Count (Ten Frames)	Country Countdown, Counting Critters, Level P	
8	Hands On • Make a 10 to Add	✓	✓	Make a Ten to Add	17	Counters—Activity 3: Add (Add 2 Addends)	Country Countdown, Counting Critters, Level Q	Make a ten
9	Use Make a 10 to Add	✓	✓			Counters—Activity 3: Add (Add 2 Addends)		
10	Hands On: Algebra • Add 3 Numbers	✓	✓	Add 3 Numbers	18	Counters—Activity 3: Add (Add 2 Addends) Counters—Activity 3: Add (Add 3 Addends)	Country Countdown, Counting Critters, Levels K and R	
11	Algebra • Add 3 Numbers	✓	✓			Counters—Activity 3: Add (Add 3 Addends)	Country Countdown, Counting Critters, Level K	
12	Problem Solving • Use Addition Strategies	✓	✓			Counters—Activity 3: Add (Add 2 Addends)	Numberopolis, Carnival Stories, Levels E, K, and N Country Countdown, Counting Critters, Level R	

Chapter 4: Subtraction Strategies

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Count Back	✓	✓	Count Back to Subtract Facts to 12	19	Number Lines—Activity 2: Subtract	Numberopolis, Cross Town Number Line, Levels E and G	Count back
2	Hands On • Think Addition to Subtract	✓	✓	Think Addition to Subtract	20	Counters—Activity 3: Add	Country Countdown, Counting Critters, Levels I, L, and U	
3	Use Think Addition to Subtract	✓	✓	Relate Addition to Subtract	21	Counters—Activity 3: Add		
4	Hands On • Use 10 to Subtract	✓	✓			Counters—Activity 1: Count Counters—Activity 4: Subtract		
5	Break Apart to Subtract	✓	✓					
6	Problem Solving • Use Subtraction Strategies	✓	✓				Numberopolis, Carnival Stories, Levels B, G, and L	

Chapter 5: Addition and Subtraction Relationships

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Problem Solving • Add or Subtract	✓	✓			Counters—Activity 7: Explore (Make Patterns)		
2	Hands On • Record Related Facts	✓	✓	Fact Families to 12	22	Counters—Activity 3: Add (Add 2 Addends) Counters—Activity 4: Subtract Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Level U	Related facts
3	Identify Related Facts	✓	✓	Related Facts to 12	23			
4	Use Addition to Check Subtraction	✓	✓	Relate Addition to Subtraction	21		Country Countdown, Counting Critters, Level T	
5	Hands On: Algebra • Missing Numbers	✓	✓	Missing Number	24		Country Countdown, Counting Critters, Level U	
6	Algebra • Use Related Facts	✓	✓				Numberopolis, Carnival Stories, Level N Ice Station Exploration; Arctic Algebra, Level A	
7	Choose an Operation	✓	✓			Counters—Activity 3: Add (Add 2 Addends) Counters—Activity 4: Subtract	Numberopolis, Carnival Stories, Level M	
8	Hands On: Algebra • Ways to Make Numbers to 20	✓	✓	Ways to Make Numbers to 20	25	Counters—Activity 3: Add (Add 2 Addends) Counters—Activity 3: Add (Add 3 Addends)	Country Countdown, Harrison's Comparisons, Level H	
9	Algebra • Equal and Not Equal	✓	✓			Counters—Activity 4: Subtract Algebra—Activity 1: Number Balance		
10	Basic Facts to 20	✓	✓	Fact Families to 12	22	Counters—Activity 3: Add Counters—Activity 4: Subtract Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Level U	

Chapter 6: Count and Model Numbers

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Count by Ones to 120	✓	✓	Count to 100, Use a Hundred Chart	26	Number Chart—Activity 1: Hundred Chart		
2	Count by Tens to 120	✓	✓	Counting Patterns	27		Numberopolis, Cross Town Number Line, Level K	
3	Understand Ten and Ones	✓	✓	Make Ten and More	28	Counters—Activity 1: Count (Ten Frames)	Country Countdown, Block Busters, Level G	Digit, ones, ten
4	Hands On • Make Ten and Ones	✓	✓	Make Ten and More	28		Country Countdown, Block Busters, Level G Country Countdown, Counting Critters, Level P	
5	Hands On • Tens	✓	✓	Tens	29		Country Countdown, Block Busters, Level I	
6	Hands On • Tens and Ones to 50	✓	✓			Base-Ten Blocks—Activity 1: Show (Tens)	Country Countdown, Block Busters, Level H	
7	Hands On • Tens and Ones to 100	✓	✓	Tens and Ones to 100	30	Base-Ten Blocks—Activity 1: Show (Tens) Base-Ten Blocks—Activity 1: Show (Explore)	Country Countdown, Block Busters, Levels H and I	Hundred
8	Problem Solving • Show Numbers in Different Ways	✓	✓	Different Ways to Show Numbers	31	Counters—Activity 1: Count (Ten Frames) Base-Ten Blocks—Activity 1: Show (Tens)		
9	Hands On • Model, Read, and Write Numbers from 100 to 110	✓	✓			Number Chart—Activity 1: Hundred Chart Base-Ten Blocks—Activity 1: Show (Tens)		
10	Hands On • Model, Read, and Write Numbers from 110 to 120	✓	✓			Base-Ten Blocks—Activity 1: Show (Explore)		

Chapter 7: Compare Numbers

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 • Greater Than	✓	✓	Greater Than	32	Base-Ten Blocks—Activity 1: Show (Tens)		Is greater than >
2	Hands On: Algebra • Less Than	✓	✓	Less Than	33	Base-Ten Blocks—Activity 1: Show (Compare)	Country Countdown, Harrison’s Comparisons, Level I Shapes Ahoy! Sea Cave Sorting, Levels G and O	Is less than <
3	Hands On: Algebra • Use Symbols to Compare	✓	✓	Use Symbols to Compare	34	Base-Ten Blocks—Activity 1: Show (Compare)	Country Countdown, Harrison’s Comparisons, Level K Shapes Ahoy! Sea Cave Sorting, Level O	
4	Problem Solving • Compare Numbers	✓	✓			Counters—Activity 2: Compare (Ten Frames)	Shapes Ahoy! Ship Shapes, Levels B, C, and D	
5	Hands On • 10 Less, 10 More	✓	✓			Base-Ten Blocks—Activity 2: Compare		

Chapter 8: Two-Digit Addition and 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	Add and Subtract within 20	✓	✓			Counters—Activity 3: Add (Add 2 Addends) Counters—Activity 4: Subtract	Country Countdown, Block Busters, Levels E and F Numberopolis, Carnival Stories, Level M	
2	Hands On • Add Tens	✓	✓	Mental Math to Add Tens	35	Base-Ten Blocks—Activity 3: Add (Tens)	Country Countdown, Block Busters, Level J	
3	Hands On • Subtract Tens	✓	✓	Mental Math to Subtract Tens	36	Base-Ten Blocks—Activity 4: Subtract (Tens)	Country Countdown, Block Busters, Level O	
4	Use a Hundred Chart to Add	✓	✓			Number Chart—Activity 1: Hundred Chart (Add)		
5	Hands On • Use Models to Add	✓	✓	Add Tens and Ones	37	Base-Ten Blocks—Activity 1: Show (Explore) Base-Ten Blocks—Activity 3: Add (Tens)		
6	Hands On • Make Ten to Add	✓	✓	Adding 1-Digit to 2-Digit Numbers	38	Base-Ten Blocks—Activity 1: Show (Tens) Base-Ten Blocks—Activity 3: Add (Tens) Base-Ten Blocks—Activity 1: Show (Explore)	Country Countdown, Counting Critters, Level Q	
7	Hands On • Use Place Value to Add	✓	✓	Add Tens and Ones	37	Base-Ten Blocks—Activity 3: Add (Tens)		
8	Problem Solving • Addition Word Problems	✓	✓				Numberopolis, Carnival Stories, Level P	
9	Practice Addition and Subtraction	✓	✓	Mental Math to Add Tens	35	Base-Ten Blocks—Activity 1: Show (Explore)	Numberopolis, Carnival Stories, Levels P and Q	
				Adding 1 Digit to 2-Digit Numbers	38			
				Add Tens and Ones	37			
				Mental Math to Subtract Tens	36			

Chapter 9: 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 • Order Length	✓	✓				Shapes Ahoy! Made to Measure, Level C	Longest, shortest
2	Indirect Measurement	✓	✓	Compare Length	39		Shapes Ahoy! Made to Measure, Level E	
3	Hands On • Use Nonstandard Units to Measure Length	✓	✓	Use Nonstandard Units	40		Shapes Ahoy! Made to Measure, Level D	
4	Hands On • Make a Nonstandard Measuring Tool	✓	✓					
5	Problem Solving • Measure and Compare	✓	✓					
6	Time to the Hour	✓	✓	Time to the Hour	41	Measurement— Activity 2: Clocks (Time on a Clock)	Country Countdown, Clock-a-Doodle Doo, Level G	Hour hand
7	Time to the Half Hour	✓	✓	Time to the Half Hour	42		Country Countdown, Clock-a-Doodle Doo, Level H	Hour, half hour
8	Tell Time to the Hour and Half Hour	✓	✓	Time to the Hour	41		Country Countdown, Clock-a-Doodle Doo, Levels G and H	Minutes, minute hand
9	Practice Time to the Hour and Half Hour	✓	✓	Time to the Half Hour	42			

Chapter 10: Represent 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	Read Picture Graphs	✓	✓	Make and Interpret Picture Graphs	43	Counters—Activity 2: Compare (Counters)	Country Countdown, White Water Graphing, Levels A and C	Picture graph
2	Hands On • Make Picture Graphs	✓	✓			Counters—Activity 2: Compare (Counters) Graphs—Activity 3: Pictograph	Country Countdown, White Water Graphing, Level B	
3	Read Bar Graphs	✓	✓					Bar graph
4	Hands On • Make Bar Graphs	✓	✓			Graphs—Activity 1: Bar Graph		
5	Read Tally Charts	✓	✓	Tally Charts	44			Tally chart, tally mark
6	Hands On • Make Tally Charts	✓	✓	Make a Tally Chart	45			
7	Problem Solving • Represent Data	✓	✓			Graphs—Activity 1: Bar Graph	Country Countdown, White Water Graphing, Level F	

Chapter 11: Three-Dimensional Geometry

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	✓	✓	Sort Solid Figures	46	Geometry—Activity 1: Solid Figures (Faces, Edges, and Vertices)	Shapes Ahoy! Undersea 3D, Levels A, B, C, D, and E	Sphere, cone, cylinder, cube, rectangular prism, flat surface, curved surface
2	Hands On • Combine Three-Dimensional Shapes	✓	✓			Geometry—Activity 4: Explore		
3	Hands On • Make New Three-Dimensional Shapes	✓	✓					
4	Problem Solving • Take Apart Three-Dimensional Shapes	✓	✓					
5	Hands On • Two-Dimensional Shapes on Three-Dimensional Shapes	✓	✓	Plane Shapes on Solids	47	Geometry—Activity 1: Solid Figures (Different Views) Geometry—Activity 1: Solid Figures (Nets)	Shapes Ahoy! Undersea 3D, Level G	

Chapter 12: Two-Dimensional Geometry

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Sort Two-Dimensional Shapes	✓	✓	Sort and Classify Plane Figures	48	Geometry— Activity 2: Plane Figures (Count)	Shapes Ahoy! Ship Shapes, Level G	Circles, rectangles, square, triangles, sides, vertices
2	Hands On • Describe Two-Dimensional Shapes	✓	✓				Shapes Ahoy! Sea Cave Sorting, Level K	
3	Hands On • Combine Two-Dimensional Shapes	✓	✓	Combine Plane Figures	49	Geometry— Activity 4: Explore	Shapes Ahoy, Ship Shapes, Level K	
4	Combine More Shapes	✓	✓					
5	Problem Solving • Make New Two-Dimensional Shapes	✓	✓					
6	Hands On • Find Shapes in Shapes	✓	✓					
7	Take Apart Two-Dimensional Shapes	✓	✓	Combine and Separate Plane Figures	50	Geometry— Activity 4: Explore		
8	Equal or Unequal Parts	✓	✓	Equal Parts	51	Fractions— Activity 3: Explore	Shapes Ahoy, Ship Shapes, Level Q	Equal parts, equal shares, unequal parts, unequal shares
9	Halves	✓	✓					Half of, halves
10	Fourths	✓	✓					Fourth of, fourths, quarter of, quarters

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