



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 2 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: Number 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	Hands On: Algebra • Even and Odd Numbers	✓	✓	Even and Odd	1	Base-Ten Blocks— Activity 1: Show (Tens) Counters—Activity 1: Count (Counters) Number Charts— Activity 1: Hundred Chart (Show Patterns)	Numberopolis, Cross Town Number Line, Level L	Even, odd
2	Algebra • Represent Even Numbers	✓	✓			Counters—Activity 1: Count (Counters)		Addition sentence
3	Understand Place Value	✓	✓	Understand Place Value	2	Base-Ten Blocks— Activity 1: Show (Tens)	Country Countdown, Block Busters, Level I	Digits
4	Expanded Form	✓	✓	Tens and Ones	3			Tens, ones
5	Different Ways to Write Numbers	✓	✓	Read and Write Numbers	4			
6	Algebra • Different Names for Numbers	✓	✓	Different Ways to Show Numbers	5			
7	Problem Solving • Tens and Ones	✓	✓					
8	Counting Patterns Within 100	✓	✓			Number Charts— Activity 1: Hundred Chart (Add)	Numberopolis; Cross Town Number Line; Level Q	
9	Counting Patterns Within 1,000	✓	✓	Skip-Counting Patterns	6			

Chapter 2: Numbers to 1,000

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary
				Activity Name	Skill Number			
1	Group Tens as Hundreds	✓	✓	Hundreds	7	Base-Ten Blocks—Activity 1: Show (Explore)		Hundred, tens
2	Explore 3-Digit Numbers	✓	✓			Base-Ten Blocks—Activity 1: Show (Hundreds)	Country Countdown, Block Busters, Level S	Hundred
3	Hands On • Model 3-Digit Numbers	✓	✓					
4	Hundreds, Tens, and Ones	✓	✓					
5	Place Value to 1,000	✓	✓	Hundreds, Tens, and Ones	8	Base-Ten Blocks—Activity 1: Show (Hundreds)		Thousand, digit
6	Number Names	✓	✓			Base-Ten Blocks—Activity 1: Show (Explore)		Hundreds, tens, ones
7	Different Forms of Numbers	✓	✓			Base-Ten Blocks—Activity 1: Show (Hundreds)		Hundreds, tens, ones
8	Algebra • Different Ways to Show Numbers	✓	✓	Different Ways to Show Numbers	9			
9	Count On and Count Back by 10 and 100	✓	✓			Number Charts—Activity 1: Hundred Chart (Number Patterns) Base-Ten Blocks—Activity 1: Show (Explore) Base-Ten Blocks—Activity 1: Show (Hundreds)	Numberopolis, Cross Town Number Line, Level P	Less than, more than
10	Algebra • Number Patterns	✓	✓			Number Charts—Activity 1: Hundred Chart (Number Patterns) Base-Ten Blocks—Activity 1: Show (Explore)		Pattern
11	Problem Solving • Compare Numbers	✓	✓			Base-Ten Blocks—Activity 2: Compare		More, fewer
12	Algebra • Compare Numbers	✓	✓	Compare Numbers: $>$, $<$, or $=$	10	Base-Ten Blocks—Activity 2: Compare Base-Ten Blocks—Activity 1: Show (Tens)	Country Countdown, Harrison's Comparisons, Level L	Compare, $>$ is greater than, $<$ is less than, $=$ is equal to

Chapter 3: Basic Facts and 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	Use Doubles Facts	✓	✓	Add Doubles	11	Counters—Activity 3: Add (2 Addends) Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Levels F and S	Sums, doubles
2	Practice Addition Facts	✓	✓	Practice the Facts Add Zero Doubles and Doubles Plus One Add in Any Order	12 13 14 15	Number Charts—Activity 2: Addition Chart	Country Countdown, Counting Critters, Levels F, G, J, and S	Addends, count on, number sentence
3	Algebra • Make a Ten to Add	✓	✓	Make a Ten to Add	16	Base-Ten Blocks—Activity 3: Add (Tens)	Country Countdown, Counting Critters, Levels P and Q	
4	Algebra • Add 3 Addends	✓	✓	Add 3 Numbers	17	Counters—Activity 3: Add (3 Addends)	Country Countdown, Counting Critters, Levels K and R	Sum, addends
5	Algebra • Relate Addition and Subtraction	✓	✓	Relate Addition and Subtraction	18	Number Charts—Activity 2: Addition Chart Counters—Activity 3: Add (2 Addends) Counters—Activity 4: Subtract	Numberopolis, Carnival Stories, Levels D and J Country Countdown, Counting Critters, Levels I, L, and U	Differences, related facts
6	Practice Subtraction Facts	✓	✓	Count Back to Subtract Think Addition to Subtract Related Subtraction Facts	19 20 21	Counters—Activity 4: Subtract Base-Ten Blocks—Activity 4: Subtract (Ones)	Country Countdown, Block Busters, D Country Countdown, Counting Critters, Level T Numberopolis, Carnival Stories, Levels B and G	Count back
7	Use Ten to Subtract	✓	✓			Number Lines—Activity 2: Subtract		Difference
8	Algebra • Use Drawings to Represent Problems	✓	✓	Represent Addition and Subtraction	22	Counters—Activity 1: Count (Counters)		Bar model
9	Algebra • Use Equations to Represent Problems	✓	✓	Problem Solving Strategy: Write a Number Sentence	23	Counters—Activity 2: Add (2 Addends) Counters—Activity 4: Subtract	Numberopolis, Carnival Stories, Levels D, J, and M	Number sentence
10	Problem Solving • Equal Groups	✓	✓				Country Countdown, Counting Critters, Level V	
11	Algebra • Repeated Addition	✓	✓				Country Countdown, Counting Critters, Level W	Row, addition sentence

Chapter 4: 2-Digit 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	Break Apart Ones to Add	✓	✓			Base-Ten Blocks— Activity 3: Add (Ones)	Country Countdown, Counting Critters, Level Q	Sum
2	Use Compensation	✓	✓			Base-Ten Blocks— Activity 1: Show (Tens)		Addend
3	Break Apart Addends as Tens and Ones	✓	✓	Break Apart Numbers to Add	24	Base-Ten Blocks— Activity 3: Add (Ones)		Tens, ones
4	Model Regrouping for Addition	✓	✓	Model 2-Digit Addition	25	Base-Ten Blocks— Activity 3: Add (Tens)	Country Countdown, Block Busters, Level L	Regroup
5	Model and Record 2-Digit Addition	✓	✓	Model and Record 2-Digit Addition	26		Country Countdown, Block Busters, Levels L and M	
6	2-Digit Addition	✓	✓				Country Countdown, Block Busters, Levels L and M	Regroup
7	Practice 2-Digit Addition	✓	✓	Practice 2-Digit Addition	27	Numberopolis, Carnival Stories, Level P		Hundred
8	Rewrite 2-Digit Addition	✓	✓	Rewrite 2-Digit Addition	28		Country Countdown, Block Busters, Level M	Digit
9	Problem Solving • Addition	✓	✓					
10	Algebra • Write Equations to Represent Addition	✓	✓				Numberopolis, Carnival Stories, Level P	
11	Algebra • Find Sums for 3 Addends	✓	✓	Add 3 Numbers	17	Counters—Activity 3: Add (3 Addends)		
12	Algebra • Find Sums for 4 Addends	✓	✓					

Chapter 5: 2-Digit 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	Algebra • Break Apart Ones to Subtract	✓	✓			Number Lines— Activity 2: Subtract		Ones, subtract, difference
2	Algebra • Break Apart Numbers to Subtract	✓	✓					Tens, ones
3	Model Regrouping for Subtraction	✓	✓	Model 2-Digit Subtraction	29	Base-Ten Blocks—Activity 4: Subtract (Tens)	Country Countdown, Block Busters, Level Q	Regroup
4	Model and Record 2-Digit Subtraction	✓	✓	Model and Record 2-Digit Subtraction	30		Country Countdown, Block Busters, Level R	
5	2-Digit Subtraction	✓	✓	2-Digit Subtraction	31		Country Countdown, Block Busters, Level R Numberopolis, Carnival Stories, Levels M and Q	
6	Practice 2-Digit Subtraction	✓	✓	Practice 2-Digit Subtraction	32		Numberopolis, Carnival Stories, Level R	
7	Rewrite 2-Digit Subtraction	✓	✓	Rewrite 2-Digit Subtraction	33		Country Countdown, Block Busters, Level Q	Digit, tens, ones
8	Add to Find Differences	✓	✓			Number Lines— Activity 1: Add		Difference
9	Problem Solving • Subtraction	✓	✓			Base-Ten Blocks—Activity 4: Subtract (Tens)		Bar model
10	Algebra • Write Equations to Represent Subtraction	✓	✓				Country Countdown, Block Busters, Level Q	
11	Solve Multi-Step Problems	✓	✓	Problem-Solving Skill: Solve Multi-Step Problems	34	Base-Ten Blocks—Activity 4: Subtract (Tens) Base-Ten Blocks—Activity 3: Add (Tens)		

Chapter 6: 3-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	Draw to Represent 3-Digit Addition	✓	✓			iTools: Base-Ten Blocks; Show; Tens		Hundreds, tens, ones
2	Break Apart 3-Digit Addends	✓	✓	Break Apart Numbers to Add	24	Base- Ten Blocks— Activity 3: Add (Hundreds)	Country Countdown, Block Busters, Levels V and W	Addends, sum
3	3-Digit Addition: Regroup Ones	✓	✓	3-Digit Addition: Regroup Ones	35	Base-Ten Blocks— Activity 1: Show (Hundreds)	Country Countdown, Block Busters, Level V	Regroup
4	3-Digit Addition: Regroup Tens	✓	✓	3-Digit Addition: Regroup Tens	37	Base- Ten Blocks— Activity 3: Add (Hundreds)	Country Countdown, Block Busters, Level W	
5	Addition: Regroup Ones and Tens	✓	✓	Addition with Regrouping up to 3 Digits	33		Country Countdown, Block Busters, Levels V and W	
6	Problem Solving • 3-Digit Subtraction	✓	✓			Base-Ten Blocks— Activity 4: Subtract (Hundreds)	Country Countdown, Block Busters, Levels Y and Z	
7	3-Digit Subtraction: Regroup Tens	✓	✓	3-Digit Subtraction: Regroup Tens	37		Country Countdown, Block Busters, Level Y	Regroup, difference
8	3-Digit Subtraction: Regroup Hundreds	✓	✓	3-Digit Subtraction: Regroup Hundreds	38		Country Countdown, Block Busters, Level Z	
9	Subtraction: Regroup Hundreds and Tens	✓	✓	3-Digit Subtraction: Regroup Tens 3-Digit Subtraction: Regroup Hundreds	37 38		Country Countdown, Block Busters, Levels Y and Z	
10	Regrouping with Zeros	✓	✓					

Chapter 7: Money and Time

Lesson Number	Lesson Title	Interactive Student Edition	Math on the Spot Video	Animated Math Models		iTools	Mega Math	Vocabulary	
				Activity Name	Skill Number				
1	Dimes, Nickels, and Pennies	✓	✓	Dimes, Nickels, and Pennies	39		Numberopolis, Lulu's Lunch Counter, Levels B and G	Dime, nickel, penny, cent sign ¢	
2	Quarters	✓	✓	Count Collections	40	Measurement—Activity 4: Money (Show Amounts)	Numberopolis, Lulu's Lunch Counter, Level J	Quarter, dime, nickel, penny, cent sign ¢	
3	Count Collections	✓	✓				Numberopolis, Lulu's Lunch Counter, Level G	Cent sign ¢	
4	Hands On • Show Amounts in Two Ways	✓	✓				Measurement—Activity 4: Money (Exchange Money)	Numberopolis, Lulu's Lunch Counter, Level J	
5	One Dollar	✓	✓	One Dollar	41	Measurement—Activity 4: Money (Show Amounts) Measurement—Activity 4: Money (Compare Amounts)	Numberopolis, Lulu's Lunch Counter, Level I	Dollar, dollar sign, decimal point	
6	Amounts Greater Than \$1	✓	✓			Measurement—Activity 4: Money (Show Amounts) Measurement—Activity 4: Money (Explore)		Dollar, dollar sign, decimal point	
7	Problem Solving • Money	✓	✓			Measurement—Activity 4: Money (Show Amounts)	Numberopolis, Lulu's Lunch Counter, Level J	Quarter, dime, nickel, penny	
8	Time to the Hour and Half Hour	✓	✓	Time to the Half Hour	42	Measurement—Activity 2: Clocks (Time on a Clock)	Country Countdown, Clock-a-Doodle-Do, Levels G and H	Minutes, half past, hour hand, minute hand	
				Time to the Hour	43				
9	Time to 5 Minutes	✓	✓					Country Countdown, Clock-a-Doodle-Do, Level I	Hour, hour hand, minute hand, minutes
10	Practice Telling Time	✓	✓						Quarter past, half past
11	A.M. and P.M.	✓	✓						Noon, midnight, A.M., P.M.

Chapter 8: Length in Customary Units

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 • Measure With Inch Models	✓	✓	Measure with Inch Models	44		Shapes Ahoy, Made to Measure, Level D	Inch, length
2	Hands On • Make and Use a Ruler	✓	✓	Measure to the Nearest Inch	45		Shapes Ahoy, Made to Measure, Level F	Inch
3	Estimate Lengths in Inches	✓	✓	Estimate and Measure Inches	46			
4	Hands On • Measure with an Inch Ruler	✓	✓	Measure to the Nearest Inch	45			
5	Problem Solving • Add and Subtract in Inches	✓	✓					
6	Hands On • Measure in Inches and Feet	✓	✓	Measure in Inches and Feet	47		Shapes Ahoy, Made to Measure, Level G	Foot, inches
7	Estimate Lengths in Feet	✓	✓					Feet
8	Choose a Tool	✓	✓					Yardstick, measuring tape, inch ruler
9	Display Measurement Data	✓	✓	Line Plots	48		The Number Games, ArachnaGraph, Levels E and F	Line plot, lengths

Chapter 9: Length in Metric Units

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 • Measure with a Centimeter Model	✓	✓	Measure with Centimeter Models	49		Shapes Ahoy, Made to Measure, Level D	Centimeter
2	Estimate Lengths in Centimeters	✓	✓				Shapes Ahoy, Made to Measure, Levels A and E	Centimeters
3	Hands On • Measure with a Centimeter Ruler	✓	✓	Centimeters	50	Number Lines— Activity 5: Explore	Shapes Ahoy, Made to Measure, Level H	
4	Problem Solving • Add and Subtract Lengths	✓	✓					
5	Hands On • Centimeters and Meters	✓	✓	Centimeters and Meter	51		Shapes Ahoy, Made to Measure, Level I	Meter
6	Estimate Lengths in Meters	✓	✓					
7	Hands On • Measure and Compare Lengths	✓	✓	Centimeters	50	Number Lines— Activity 5: Explore	Shapes Ahoy, Made to Measure, Level H	

Chapter 10: 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	Collect Data	✓	✓	Collect Data	52			Survey, data, tally chart, tally marks
2	Read Picture Graphs	✓	✓	Make and Interpret Pictographs	53	Graphs—Activity 3: Pictograph (Make a Pictograph)	Country Countdown, White Water Graphing, Levels A, B, C, D, and E The Numbers Games, ArachnaGraph, Level A	Picture graph, key
3	Make Picture Graphs	✓	✓					
4	Read Bar Graphs	✓	✓	Make and Interpret Bar Graphs	54	Graphs—Activity 1: Bar Graph (Make a Bar Graph) Graphs—Activity 3: Pictograph (Make a Pictograph)	Country Countdown, White Water Graphing, Level F	Bar graph, data
5	Make Bar Graphs	✓	✓			Graphs—Activity 1: Bar Graph (Make a Bar Graph)		
6	Problem Solving • Display Data	✓	✓			Graphs—Activity 1: Bar Graph (Make a Bar Graph) Graphs—Activity 2: Picture Graph (Make a Picture Graph)		Bar graph

Chapter 11: Geometry and Fraction 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	Three-Dimensional Shapes	✓	✓	Sort Solid Figures	55	Geometry—Activity 1: Solid Figures (Different Views)	Shapes Ahoy, Undersea 3D, Levels A, B, C, D, and E	Cube, rectangular prism, sphere, cylinder, cone
2	Attributes of Three-Dimensional Shapes	✓	✓			Geometry—Activity 4: Explore	Shapes Ahoy, Undersea 3D, Level B	Face, edge, vertex, vertices
3	Hands On • Build Three-Dimensional Shapes	✓	✓					
4	Two-Dimensional Shapes	✓	✓	Identify Plane Figures	56	Geometry—Activity 1: Solid Figures (Nets) Geometry—Activity 2: Plane Figures (Sides and Vertices)	Shapes Ahoy, Ship Shapes, Level J	Side, vertex, vertices, quadrilateral, pentagon, hexagon
5	Angles in Two-Dimensional Shapes	✓	✓					Angle, quadrilateral, pentagon, triangle, rectangle
6	Sort Two-Dimensional Shapes	✓	✓	Sort Plane Figures	57	Geometry—Activity 4: Explore	Shapes Ahoy, Sea Cave Sorting, Level K	Sides, angles
7	Hands On • Partition Rectangles	✓	✓					Rectangle, rows, columns
8	Equal Parts	✓	✓				Shapes Ahoy, Ship Shapes, Level Q	Halves, thirds, fourths, equal parts, whole
9	Show Equal Parts of a Whole	✓	✓				Shapes Ahoy, Ship Shapes, Level R	Equal parts, whole, halves, thirds, fourths
10	Describe Equal Parts	✓	✓					Half of, third of, fourth of, quarter of
11	Problem Solving • Equal Shares	✓	✓					Halves, thirds, fourths

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