

Houghton Mifflin Harcourt
Go Math! Grade 1 © 2015

correlated to the

ISBE Math Model Curriculum Scope and Sequence
Grade 1

Unit	Standards	Time Frame	Go Math
Unit 1: Measurement, Counting & Data	1.MD.1 (Order objects by length) 1.MD.2 (Measure length) 1.NBT.1 (Count to 120, read, write and represent with objects & numerals) 1.MD.4 (Organize, represent and interpret data with 3 categories, answer questions about data)	4-5 weeks	Lesson 6.1: Count by Ones to 120 Lesson 6.2: Count by Tens to 120 Lesson 6.3: Understand Tens and Ones Lesson 6.7: Hands On • Tens and Ones to 100 Lesson 6.9: Hands On • Model, Read, Write Numbers from 100 to 110 Lesson 6.10: Hands On • Model, Read, and Write Numbers from 110 to 120 Lesson 9.1: Hands On • Order Length Lesson 9.2: Indirect Measurement Lesson 9.3: Hands On • Use Nonstandard Units to Measure Length Lesson 9.4: Hands On • Make a Nonstandard Measuring Tool Lesson 9.5: Problem Solving • Measure and Compare Lesson 10.1: Read Picture Graphs Lesson 10.2: Hands On • Make Picture Graphs Lesson 10.3: Read Bar Graphs Lesson 10.4: Hands On • Make Bar Graphs Lesson 10.5: Read Tally Charts Lesson 10.6: Hands On • Make Tally Charts Lesson 10.7: Problem Solving • Represent Data

Unit	Standards	Time Frame	Go Math
Unit 2: Addition and Subtraction within 10	1.NBT.1 (Count to 120, read, write and represent with objects & numerals) 1.OA.5 (Relate counting to addition & subtraction) 1.OA.3 (Apply properties to add and subtract-commutative, associative) 1.OA.4 (Understand subtraction as an unknown addend) 1.OA.6 (Add & subtract within 20, with fluency within 10) 1.OA.7 (Understand equal sign) 1.OA.8 (Determine unknowns in addition or subtraction equations with whole numbers) 1.OA.1 (Solve word problems involving addition and subtraction within 20 for adding to, taking from, putting together, taking apart and comparing situations with unknowns in all 3 positions using objects, pictures and equations) 1.OA.2 (Solve word problems involving 3 whole number addends within 20 using objects, pictures and equations) 1.MD.4 (Organize, represent and interpret data with 3 categories, answer questions about data)	7-8 weeks	Lesson 1.1: Algebra • Use Pictures to Add To Lesson 1.2: Hands On • Model Adding To Lesson 1.3: Hands On • Model Putting Together Lesson 1.4: Problem Solving • Model Addition Lesson 1.5: Algebra • Add Zero Lesson 1.6: Hands On: Algebra • Add in Any Order Lesson 1.7: Hands On: Algebra • Put Together Numbers to 10 Lesson 1.8: Addition to 10 Lesson 2.1: Use Pictures to Show Taking From Lesson 2.2: Hands On • Model Taking From Lesson 2.3: Hands On • Model Taking Apart Lesson 2.4: Problem Solving • Model Subtraction Lesson 2.5: Use Pictures and Subtraction to Compare Lesson 2.6: Hands On • Subtract to Compare Lesson 2.7: Subtract All or Zero Lesson 2.8: Hands On: Algebra • Take Apart Numbers Lesson 2.9: Subtraction from 10 or Less Lesson 3.1: Algebra • Add in Any Order Lesson 3.2: Count On Lesson 3.3: Hands On • Add Doubles Lesson 3.4: Hands On • Use Doubles to Add Lesson 3.5: Hands On • Doubles Plus 1 and Doubles Minus 1 Lesson 3.6: Practice the Strategies Lesson 3.7: Hands On • Add 10 and More Lesson 3.8: Hands On • Make a 10 to Add Lesson 3.9: Use Make a 10 to Add Lesson 3.10: Hands On: Algebra • Add 3 Numbers Lesson 3.11: Algebra • Add 3 Numbers Lesson 3.12: Problem Solving • Use Addition Strategies Lesson 6.1: Count by Ones to 120 Lesson 6.2: Count by Tens to 120 Lesson 6.3: Understand Tens and Ones Lesson 6.7: Hands On • Tens and Ones to 100 Lesson 6.9: Hands On • Model, Read, Write Numbers from 100 to 110

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			<p>Lesson 6.10: Hands On • Model, Read, and Write Numbers from 110 to 120 Lesson 10.1: Read Picture Graphs Lesson 10.2: Hands On • Make Picture Graphs Lesson 10.3: Read Bar Graphs Lesson 10.4: Hands On • Make Bar Graphs Lesson 10.5: Read Tally Charts Lesson 10.6: Hands On • Make Tally Charts Lesson 10.7: Problem Solving • Represent Data</p>
<p>Unit 3: Addition and Subtraction within 20</p>	<p>1.OA.1 (Solve word problems involving addition and subtraction within 20 for adding to, taking from, putting together, taking apart and comparing situations with unknowns in all 3 positions using objects, pictures and equations) 1.OA.2 (Solve word problems involving 3 whole number addends within 20 using objects, pictures and equations) 1.OA.3 (Apply properties to add and subtract-commutative, associative) 1.OA.4 (Understand subtraction as an unknown addend) 1.OA.5 (Relate counting to addition & subtraction) 1.OA.6 (Add & subtract within 20, with fluency within 10) 1.OA.8 (Determine unknowns in addition or subtraction equations with whole numbers) 1.MD.4 (Organize, represent and interpret data with 3 categories, answer questions about data) 1.NBT.1 (Count to 120, read, write and represent with objects & numerals) 1.NBT.2 (Understand that digits represent tens and ones)</p>	<p>7-8 weeks</p>	<p>Lesson 4.1: Count Back Lesson 4.2: Hands On • Think Addition to Subtract Lesson 4.3: Use Think Addition to Subtract Lesson 4.4: Hands On • Use 10 to Subtract Lesson 4.5: Break Apart to Subtract Lesson 4.6: Problem Solving • Use Subtraction Strategies Lesson 5.1: Problem Solving • Add or Subtract Lesson 5.2: Hands On • Record Related Facts Lesson 5.3: Identify Related Facts Lesson 5.4: Use Addition to Check Subtraction Lesson 5.5: Hands On: Algebra • Unknown Numbers Lesson 5.6: Algebra • Use Related Facts Lesson 5.7: Choose an Operation Lesson 5.8: Hands On: Algebra • Ways to Make Numbers to 20 Lesson 5.9: Algebra • Equal and Not Equal Lesson 5.10: Facts Practice to 20 Lesson 6.1: Count by Ones to 120 Lesson 6.2: Count by Tens to 120 Lesson 6.3: Understand Tens and Ones Lesson 6.4: Hands On • Make Tens and Ones Lesson 6.5: Hands On • Tens Lesson 6.6: Hands On • Tens and Ones to 50 Lesson 6.7: Hands On • Tens and Ones to 100 Lesson 6.8: Problem Solving • Show Numbers in Different Ways Lesson 6.9: Hands On • Model, Read, Write Numbers from 100 to 110 Lesson 6.10: Hands On • Model, Read, and Write Numbers from 110 to 120</p>

Unit	Standards	Time Frame	Go Math
Unit 4: 2-Digit Place Value	1.NBT.1 (Count to 120, read, write and represent with objects & numerals) 1.NBT.2 (Understand that digits represent tens and ones) 1.NBT.3 (Compare 2 2-digit numbers) 1.MD.4 (Organize, represent and interpret data with 3 categories, answer questions about data)	4-5 weeks	Lesson 6.1: Count by Ones to 120 Lesson 6.2: Count by Tens to 120 Lesson 6.3: Understand Tens and Ones Lesson 6.4: Hands On • Make Tens and Ones Lesson 6.5: Hands On • Tens Lesson 6.6: Hands On • Tens and Ones to 50 Lesson 6.7: Hands On • Tens and Ones to 100 Lesson 6.8: Problem Solving • Show Numbers in Different Ways Lesson 6.9: Hands On • Model, Read, Write Numbers from 100 to 110 Lesson 6.10: Hands On • Model, Read, and Write Numbers from 110 to 120 Lesson 7.1: Hands On: Algebra • Greater Than Lesson 7.2: Hands On: Algebra • Less Than Lesson 7.3: Hands On: Algebra • Use Symbols to Compare Lesson 7.4: Problem Solving • Compare Numbers Lesson 8.5: Hands On • Use Models to Add Lesson 8.6: Hands On • Make Ten to Add Lesson 8.7: Hands On • Use Place Value to Add Lesson 10.1: Read Picture Graphs Lesson 10.2: Hands On • Make Picture Graphs Lesson 10.3: Read Bar Graphs Lesson 10.4: Hands On • Make Bar Graphs Lesson 10.5: Read Tally Charts Lesson 10.6: Hands On • Make Tally Charts Lesson 10.7: Problem Solving • Represent Data

Unit	Standards	Time Frame	Go Math
Unit 5: Addition and Subtraction within 100	1.NBT.4 (Add within 100 using objects, pictures and words) 1.NBT.5 (Find 10 more or 10 less than a given 2-digit number and explain) 1.NBT.6 (Subtract multiples of 10 within 100 using manipulatives, pictures & words) 1.NBT.1 (Count to 120, read, write and represent with objects & numerals) 1.MD.4 (Organize, represent and interpret data with 3 categories, answer questions about data) 1.OA.3 (Apply properties to add and subtract-commutative, associative) 1.OA.4 (Understand subtraction as an unknown addend) 1.OA.5 (Relate counting to addition & subtraction) 1.OA.7 (Understand the meaning of =, and determine if equations are true or false) 1.OA.8 (Determine unknowns in addition or subtraction equations with whole numbers)	6-7 weeks	Lesson 6.1: Count by Ones to 120 Lesson 6.2: Count by Tens to 120 Lesson 6.3: Understand Tens and Ones Lesson 6.7: Hands On • Tens and Ones to 100 Lesson 6.9: Hands On • Model, Read, Write Numbers from 100 to 110 Lesson 7.5: Hands On • 10 Less, 10 More Lesson 8.2: Hands On • Add Tens Lesson 8.3: Hands On • Subtract Tens Lesson 8.4: Use a Hundred Chart to Add Lesson 8.8: Problem Solving • Addition Word Problems Lesson 8.9: Related Addition and Subtraction Lesson 8.10: Practice Addition and Subtraction

Unit	Standards	Time Frame	Go Math
Unit 6: Geometry & Time	1.G.1 (Build and draw shapes to possess defining attributes) 1.G.2 (Compose 2-d shapes or 3-d shapes to create composite shapes) 1.G.3 (Partition circles and rectangles into halves and fourths) 1.MD.3 (Tell & write time in hours and $\frac{1}{2}$ hours)	3-4 weeks	Lesson 9.6: Time to the Hour Lesson 9.7: Time to the Half Hour Lesson 9.8: Tell Time to the Hour and Half Hour Lesson 9.9: Practice Time to the Hour and Half Hour Lesson 11.1: Hands On • Three-Dimensional Shapes Lesson 11.2: Hands On • Combine Three-Dimensional Shapes Lesson 11.3: Hands On • Make New Three-Dimensional Shapes Lesson 11.4: Problem Solving • Take Apart Three-Dimensional Shapes Lesson 11.5: Hands On • Two-Dimensional Shapes on Three-Dimensional Shapes Lesson 12.1: Sort Two-Dimensional Shapes Lesson 12.2: Hands On • Describe Two-Dimensional Shapes Lesson 12.3: Hands On • Combine Two-Dimensional Shapes Lesson 12.4: Combine More Shapes Lesson 12.5: Problem Solving • Make New Two-Dimensional Shapes Lesson 12.6: Hands On • Find Shapes in Shapes Lesson 12.7: Take Apart Two-Dimensional Shapes Lesson 12.8: Equal or Unequal Parts Lesson 12.9: Halves Lesson 12.10: Fourths