



IXL Skill Alignment

2nd Grade alignment for GO Math! 2011 Common Core Edition

This document includes the IXL skill alignments to Houghton Mifflin Harcourt's *GO Math! 2011 Common Core Edition*. IXL provides skill alignments as a service to teachers, students, and parents. The following skill alignments are not affiliated with, sponsored by, or endorsed by the publisher of the referenced textbook. IXL and IXL Learning are registered trademarks of IXL Learning, Inc. All other trademarks and registered trademarks are the property of their respective owners.

Chapter 1

Number Concepts

Textbook section	IXL skills
1.1: Even and Odd Numbers	<p>A.9 Even or odd >></p> <p>A.11 Identify numbers as even or odd >></p> <p>A.12 Select even or odd numbers >></p> <p><i>See also:</i></p> <p>A.10 Even or odd numbers on number lines >></p>
1.2: Represent Even Numbers	<p>E.9 Add doubles using models >></p> <p><i>See also:</i></p> <p>E.10 Add doubles >></p> <p>E.11 Add doubles - complete the sentence >></p>
1.3: Understand Place Value	<p>M.5 Place value - tens and ones >></p> <p><i>See also:</i></p> <p>M.1 Place value models - tens and ones >></p>
1.4: Expanded Form	<p>M.8 Convert to/from a number - tens and ones >></p> <p><i>See also:</i></p> <p>M.1 Place value models - tens and ones >></p>
1.5: Different Ways to Write Numbers	<p>M.8 Convert to/from a number - tens and ones >></p>
1.6: Different Names for Numbers	<p>M.8 Convert to/from a number - tens and ones >></p>
1.7: Problem Solving: Tens and Ones	<p>M.9 Regroup tens and ones - ways to make a number >></p> <p>M.10 Regroup tens and ones >></p>
1.8: Counting Patterns Within 100	<p>A.7 Hundreds chart >></p>

See also:

A.2 [Skip-counting stories >>](#)

A.3 [Skip-counting sequences >>](#)

A.4 [Counting patterns - up to 100 >>](#)

A.5 [Skip-counting puzzles >>](#)

1.9: [Counting Patterns Within 1,000](#)

A.14 [Counting patterns - up to 1,000 >>](#)

Chapter 2

Numbers to 1,000

Textbook section	IXL skills
2.1: Group Tens as Hundreds	
2.2: Explore 3-Digit Numbers	
2.3: Hands On - Model 3-Digit Numbers	M.2 Place value models - up to hundreds >> M.11 Convert to/from a number - up to hundreds >>
2.4: Hundreds, Tens, and Ones	M.2 Place value models - up to hundreds >> M.11 Convert to/from a number - up to hundreds >>
2.5: Place Value to 1,000	M.7 Place value - up to thousands >>
2.6: Number Names	C.2 Writing numbers up to 100 in words - convert words to digits >> C.4 Writing numbers up to 1,000 in words - convert words to digits >> <i>See also:</i> M.14 Convert from expanded form - up to hundreds >>
2.7: Different Forms of Numbers	M.12 Convert to/from a number - up to thousands >> <i>See also:</i> M.14 Convert from expanded form - up to hundreds >> M.15 Convert from expanded form - up to thousands >>
2.8: Different Ways to Show Numbers	M.3 Place value models - up to thousands >>
2.9: Count On and Count Back by 10 and 100	
2.10: Number Patterns	A.3 Skip-counting sequences >>

2.11: Problem Solving: Compare Numbers**B.1** Comparing numbers up to 100 >>**B.2** Comparing numbers up to 1,000 >>*See also:***B.5** Greatest and least - word problems - up to 100 >>**B.6** Greatest and least - word problems - up to 1,000 >>**2.12: Algebra - Compare Numbers****B.2** Comparing numbers up to 1,000 >>*See also:***B.3** Put numbers up to 100 in order >>**B.4** Put numbers up to 1,000 in order >>

Chapter 3

Basic Facts and Relationships

Textbook section	IXL skills
3.1: Use Doubles Facts	E.9 Add doubles using models >>
	E.10 Add doubles >>
	E.11 Add doubles - complete the sentence >>
3.2: Practice Addition Facts	E.1 Review - add one-digit numbers - sums to 10 >>
	E.4 Addition with pictures - sums to 20 >>
	E.6 Add one-digit numbers >>
	E.8 Add zero >>
	E.10 Add doubles >>
	E.12 Addition word problems - one digit >>
	<i>See also:</i>
E.2 Review - ways to make a number - sums to 10 >>	
E.13 Complete the addition sentence - one digit >>	
3.3: Make a Ten to Add	E.13 Complete the addition sentence - one digit >>
	E.15 Balance addition equations - one digit >>
3.4: Add 3 Addends	E.17 Add three one-digit numbers >>
	E.18 Add three one-digit numbers: word problems >>
3.5: Relate Addition and Subtraction	K.3 Fact families >>
	<i>See also:</i>
	K.1 Related addition facts >>
	K.2 Related subtraction facts >>
3.6: Practice Subtraction Facts	F.1 Review - subtract one-digit numbers - up to 10 >>
	F.5 Subtraction with pictures >>
	F.7 Subtract a one-digit number from a two-digit number up to 18 >>

F.8 Subtraction input/output tables - up to 18 >>

F.9 Subtract zero/all >>

See also:

F.2 Review - ways to subtract - up to 10 >>

F.11 Complete the subtraction sentence - up to 18 >>

F.14 Subtraction equations: true or false? >>

3.7: Use Ten to Subtract

3.8: Use Drawings to Represent Problems

3.9: Use Equations to Represent Problems

E.12 Addition word problems - one digit >>

E.14 Write the addition sentence - one digit >>

F.10 Subtraction word problems - up to 18 >>

F.12 Write the subtraction sentence - up to 18 >>

3.10: Problem Solving - Equal Groups

E.12 Addition word problems - one digit >>

3.11: Repeated Addition

E.21 Identify repeated addition in arrays: sums to 10 >>

E.22 Write addition sentences for arrays: sums to 10 >>

E.23 Identify repeated addition in arrays: sums to 25 >>

E.24 Write addition sentences for arrays: sums to 25 >>

Chapter 4

2-Digit Addition

Textbook section	IXL skills
4.1: Break Apart Ones to Add	G.4 Add a two-digit and a one-digit number - with regrouping >>
4.2: Use Compensation	M.1 Place value models - tens and ones >>
4.3: Break Apart Addends as Tens and Ones	M.2 Place value models - up to hundreds >> M.11 Convert to/from a number - up to hundreds >>
4.4: Model Regrouping for Addition	
4.5: Model and Record 2-Digit Addition	
4.6: 2-Digit Addition	G.4 Add a two-digit and a one-digit number - with regrouping >> G.5 Add two two-digit numbers - without regrouping >> G.6 Add two two-digit numbers - with regrouping >> G.10 Complete the addition sentence - up to two digits >>
4.7: Practice 2-Digit Addition	G.5 Add two two-digit numbers - without regrouping >> G.6 Add two two-digit numbers - with regrouping >>
4.8: Rewrite 2-Digit Addition	G.5 Add two two-digit numbers - without regrouping >> G.6 Add two two-digit numbers - with regrouping >>
4.9: Problem Solving: Addition	G.9 Addition word problems - up to two digits >> G.11 Write the addition sentence - up to two digits >>

4.10: Write Equations to Represent Addition**G.9** Addition word problems - up to two digits >>**G.10** Complete the addition sentence - up to two digits >>**G.11** Write the addition sentence - up to two digits >>**4.11:** Find Sums for 3 Addends**G.13** Add three numbers up to two digits each >>**G.14** Add three numbers up to two digits each: word problems >>**4.12:** Find Sums for 4 Addends**G.15** Add four or more numbers up to two digits each >>**G.16** Add four or more numbers up to two digits each: word problems >>

Chapter 5

2-Digit Subtraction

Textbook section	IXL skills
5.1: Break Apart Ones to Subtract	H.4 Subtract a one-digit number from a two-digit number - with regrouping >>
5.2: Break Apart Numbers to Subtract	H.5 Subtract two two-digit numbers - without regrouping >> H.6 Subtract two two-digit numbers - with regrouping >>
5.3: Model Regrouping for Subtraction	
5.4: Model and Record 2-Digit Subtraction	H.3 Subtract a one-digit number from a two-digit number - without regrouping >> H.4 Subtract a one-digit number from a two-digit number - with regrouping >> H.5 Subtract two two-digit numbers - without regrouping >> H.6 Subtract two two-digit numbers - with regrouping >>
5.5: 2-Digit Subtraction	H.5 Subtract two two-digit numbers - without regrouping >> H.6 Subtract two two-digit numbers - with regrouping >> <i>See also:</i> H.10 Complete the subtraction sentence - up to two digits >>
5.6: Practice 2-Digit Subtraction	H.5 Subtract two two-digit numbers - without regrouping >> H.6 Subtract two two-digit numbers - with regrouping >>
5.7: Rewrite 2-Digit Subtraction	H.5 Subtract two two-digit numbers - without regrouping >> H.6 Subtract two two-digit numbers - with regrouping >>
5.8: Add to Find Differences	

5.9: Problem Solving: Subtraction

- H.9** Subtraction word problems - up to two digits >>
- H.11** Write the subtraction sentence - up to two digits >>
-

5.10: Write Equations to Represent Subtraction

- H.9** Subtraction word problems - up to two digits >>
- H.10** Complete the subtraction sentence - up to two digits >>
- H.11** Write the subtraction sentence - up to two digits >>
-

5.11: Solve Multistep Problems

Chapter 6

3-Digit Addition and Subtraction

Textbook section	IXL skills
6.1: Draw to Represent 3-Digit Addition	M.2 Place value models - up to hundreds >>
6.2: Break Apart 3-Digit Addends	M.11 Convert to/from a number - up to hundreds >> M.14 Convert from expanded form - up to hundreds >>
6.3: 3-Digit Addition: Regroup Ones	
6.4: 3-Digit Addition: Regroup Tens	
6.5: Addition: Regroup Ones and Tens	I.3 Addition with three-digit numbers >> I.5 Addition word problems - up to three digits >> <i>See also:</i> I.6 Complete the addition sentence - up to three digits >>
6.6: Problem Solving: 3-Digit Subtraction	J.7 Write the subtraction sentence - up to three digits >>
6.7: 3-Digit Subtraction: Regroup Tens	
6.8: 3-Digit Subtraction: Regroup Hundreds	
6.9: Subtraction: Regroup Hundreds and Tens	J.5 Subtraction word problems - up to three digits >> <i>See also:</i> J.6 Complete the subtraction sentence - up to three digits >> J.7 Write the subtraction sentence - up to three digits >>
6.10: Regrouping with Zeros	J.3 Subtract three-digit numbers >> J.5 Subtraction word problems - up to three digits >>

Chapter 7

Money and Time

Textbook section	IXL skills
7.1: Dimes, Nickels, and Pennies	P.3 Count money - pennies, nickels, and dimes only >>
7.2: Quarters	P.1 Names and values of common coins >> P.4 Count money - up to \$1 >> <i>See also:</i> P.6 Equivalent amounts of money - up to \$1 >>
7.3: Count Collections	P.4 Count money - up to \$1 >>
7.4: Show Amounts in Two Ways	P.6 Equivalent amounts of money - up to \$1 >> <i>See also:</i> P.7 Exchanging money >> P.8 Comparing groups of coins >>
7.5: One Dollar	P.19 How much more to make a dollar? >>
7.6: Amounts Greater than \$1	P.5 Count money - up to \$5 >> P.6 Equivalent amounts of money - up to \$1 >>
7.7: Problem Solving: Money	P.9 Add money - up to \$1 >> P.10 Add money - up to \$1: word problems >>
7.8: Time to the Hour and Half Hour	Q.4 Read clocks and write times: hour and half hour >>
7.9: Time to 5 Minutes	Q.3 Match analog and digital clocks >> Q.5 Read clocks and write times >>
7.10: Practice Telling Time	Q.2 Match analog clocks and times >> Q.3 Match analog and digital clocks >> Q.5 Read clocks and write times >> Q.6 Time words: o'clock, half, quarter >>

See also:

Q.8 [Compare clocks >>](#)

7.11: A.M. and P.M.

Q.7 [A.M. or P.M. >>](#)

Chapter 8

Length in Customary Units

Textbook section	IXL skills	
8.1: Measure with Inch Models		
8.2: Make and Use a Ruler		
8.3: Estimate Lengths in Inches		
8.4: Measure with an Inch Ruler	S.2	Measure using an inch ruler >>
8.5: Problem Solving: Add and Subtract in Inches	S.4	Customary units of length: word problems >>
8.6: Hands On - Measure in Inches and Feet		
8.7: Estimate Lengths in Feet		
8.8: Choose a Tool		
8.9: Display Measurement Data	R.5	Interpret line plots >>
	R.6	Create line plots >>

Chapter 9

Length in Metric Units

Textbook section	IXL skills	
9.1: Measure with a Centimeter Model		
9.2: Estimate Lengths in Centimeters		
9.3: Hands On - Measure with a Centimeter Ruler	S.8	Measure using a centimeter ruler >>
9.4: Problem Solving: Add and Subtract Lengths	S.10	Metric units of length: word problems >>
9.5: Centimeters and Meters		
9.6: Estimate Lengths in Meters		
9.7: Measure and Compare Lengths		

Chapter 10

Data

Textbook section	IXL skills
10.1: Collect Data	R.1 Interpret tally charts and tables >>
10.2: Read Picture Graphs	R.7 Interpret pictographs >>
10.3: Make Picture Graphs	R.8 Create pictographs >>
10.4: Read Bar Graphs	R.2 Interpret bar graphs >>
10.5: Make Bar Graphs	R.3 Which bar graph is correct? >> R.4 Create bar graphs >>
10.6: Problem Solving: Display Data	R.2 Interpret bar graphs >> R.7 Interpret pictographs >>

Chapter 11

Geometry and Fraction Concepts

Textbook section	IXL skills
11.1: Three-Dimensional Shapes	U.1 Name the three-dimensional shape >>
11.2: Attributes of Three-Dimensional Shapes	U.3 Count vertices, edges, and faces >>
	U.4 Compare vertices, edges, and faces >>
11.3: Two-Dimensional Shapes	T.1 Name the two-dimensional shape >>
11.4: Angles in Two-Dimensional Shapes	T.3 Count sides and vertices >>
	<i>See also:</i> T.4 Compare sides and vertices >>
11.5: Sort Two-Dimensional Shapes	
11.6: Partition Rectangles	V.3 Area >>
11.7: Equal Parts	W.2 Halves, thirds, and fourths >>
11.8: Show Equal Parts of a Whole	W.1 Equal parts >>
	W.2 Halves, thirds, and fourths >>
11.9: Describe Equal Parts	
11.10: Problem Solving: Equal Shares	