



IXL Skill Alignment

2nd grade alignment for My Math



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Chapter 1

Apply Addition and Subtraction Concepts

Textbook section	IXL skills
Lesson 1: Addition Properties	<ol style="list-style-type: none"> 1. Match addition sentences and models - sums to 10 A2L 2. Add one-digit numbers 5C6 3. Related addition facts YDX
Lesson 2: Count On to Add	<ol style="list-style-type: none"> 1. Addition sentences using number lines - sums up to 20 FXF
Lesson 3: Doubles and Near Doubles	<ol style="list-style-type: none"> 1. Add doubles using models S57 2. Add doubles 8Z7 3. Add using doubles plus or minus one A8U
Lesson 4: Make a 10	
Lesson 5: Add Three Numbers	<ol style="list-style-type: none"> 1. Add three one-digit numbers YCC
Lesson 6: Problem Solving	<p>Addition</p> <ol style="list-style-type: none"> 1. Addition word problems - sums to 20 EN6 2. Addition sentences for word problems - sums to 20 VSF <p>Subtraction</p> <ol style="list-style-type: none"> 3. Subtraction word problems - up to 18 2FD 4. Subtraction sentences for word problems - up to 18 AZ8
Lesson 7: Count Back to Subtract	<ol style="list-style-type: none"> 1. Subtraction sentences using number lines - up to 20 GUZ
Lesson 8: Subtract All and Subtract Zero	<ol style="list-style-type: none"> 1. Subtract zero/all ZG2
Lesson 9: Use Doubles to Subtract	<ol style="list-style-type: none"> 1. Subtract doubles BEV
Lesson 10: Relate Addition and Subtraction	<ol style="list-style-type: none"> 1. Relate addition and subtraction sentences PRS

Lesson 11: Missing Addends

1. Complete the addition sentence - sums to 20 MQX

Lesson 12: Fact Families

1. Fact families NSN

Lesson 13: Two-Step Word Problems

1. Add three one-digit numbers: word problems VJ9

Chapter 2

Number Patterns

Textbook section	IXL skills
Lesson 1: Skip Count on a Hundred Chart	1. Hundreds chart LHN
Lesson 2: Skip Count by 2's, 5's, and 10's	1. Skip-counting by twos, fives, and tens CBC 2. Count forward and backward by twos, fives, and tens PVB
Lesson 3: Problem Solving	1. Skip-counting puzzles U6J 2. Skip-counting stories SSL
Lesson 4: Repeated Addition	
Lesson 5: Repeated Addition with Arrays	<p>Sums to 10</p> <p>1. Identify repeated addition in arrays: sums to 10 F7E</p> <p>2. Write addition sentences for arrays: sums to 10 Z7N</p> <p>Sums to 25</p> <p>3. Identify repeated addition in arrays: sums to 25 EUS</p> <p>4. Write addition sentences for arrays: sums to 25 W8T</p>
Lesson 6: Even and Odd Numbers	1. Even or odd 54Z
Lesson 7: Sums of Equal Numbers	1. Add doubles - complete the sentence S46

Chapter 3

Add Two-Digit Numbers

Textbook section	IXL skills
Lesson 1: Take Apart Tens to Add	
Lesson 2: Regroup Ones and Tens	1. Regroup tens and ones 5LV
Lesson 3: Add to a Two-Digit Number	<p>Without regrouping</p> <ol style="list-style-type: none"> 1. Use models to add a two-digit and a one-digit number - without regrouping QC9 2. Add a two-digit and a one-digit number - without regrouping EZ7 <p>With regrouping</p> <ol style="list-style-type: none"> 3. Use models to add a two-digit and a one-digit number - with regrouping URQ 4. Add a two-digit and a one-digit number - with regrouping 8BT
Lesson 4: Add Two-Digit Numbers	<p>Without regrouping</p> <ol style="list-style-type: none"> 1. Use models to add two-digit numbers - without regrouping GK2 2. Add two-digit numbers without regrouping - sums to 100 TX5 <p>With regrouping</p> <ol style="list-style-type: none"> 3. Add two-digit numbers with regrouping - sums to 100 GLX 4. Use models to add two-digit numbers - with regrouping QL8
Lesson 5: Rewrite Two-Digit Addition	
Lesson 6: Add Three and Four Two-Digit Numbers	<ol style="list-style-type: none"> 1. Add three numbers up to two digits each YTH 2. Add four numbers up to two digits each DP6
Lesson 7: Problem Solving	<ol style="list-style-type: none"> 1. Addition word problems - up to two digits XAT 2. Write the addition sentence - up to two digits 5FM

3. Add three numbers up to two digits each: word problems 52T

Chapter 4

Subtract Two-Digit Numbers

Textbook section	IXL skills
Lesson 1: Two-Digit Fact Families	1. Fact families NSN
Lesson 2: Take Apart Tens to Subtract	
Lesson 3: Regroup a Ten as Ones	
Lesson 4: Subtract From a Two-Digit Number	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number - without regrouping L8D2. Subtract a one-digit number from a two-digit number - with regrouping P85
Lesson 5: Subtract Two-Digit Numbers	<ol style="list-style-type: none">1. Subtract two two-digit numbers - without regrouping R8C2. Subtract two two-digit numbers - with regrouping TWE
Lesson 6: Rewrite Two-Digit Subtraction	
Lesson 7: Check Subtraction	
Lesson 8: Problem Solving	<ol style="list-style-type: none">1. Subtraction word problems - up to two digits UFU2. Write the subtraction sentence - up to two digits ZQH
Lesson 9: Two-Step Word Problems	<ol style="list-style-type: none">1. Two-step addition and subtraction word problems - up to 100 7P8

Chapter 5

Place Value to 1,000

Textbook section

IXL skills

Lesson 1: Hundreds

Lesson 2: Hundreds, Tens, and Ones

Place value

1. Place value - up to hundreds BDF
2. Identify a digit up to the hundreds place 45U

Place value models

3. Place value models - up to hundreds PBX

Convert between place values

4. Convert to/from a number - up to hundreds HUX
5. Convert from expanded form - up to hundreds LG5

Lesson 3: Place Value to 1,000

1. Convert from expanded form - up to hundreds LG5

Lesson 4: Problem Solving

Lesson 5: Read and Write Numbers to 1,000

Numbers up to 100

1. Writing numbers up to 100 in words - convert words to digits 2FT
2. Writing numbers up to 100 in words - convert digits to words VPG

Numbers up to 1,000

3. Writing numbers up to 1,000 in words - convert words to digits JKD
4. Writing numbers up to 1,000 in words - convert digits to words VPQ

Lesson 6: Count by 5s, 10s, and 100s

1. Count forward and backward by fives, tens, and hundreds R5A

Lesson 7: Compare Numbers to 1,000

1. Comparing numbers up to 1,000 XF9
2. Greatest and least - word problems - up to 1,000 6QX

Chapter 6

Add Three-Digit Numbers

Textbook section	IXL skills
Lesson 1: Make a Hundred to Add	
Lesson 2: Add Hundreds	1. Add multiples of 100 85Z
Lesson 3: Mentally Add 10 or 100	1. Input/output tables - add 10 ABR
Lesson 4: Regroup Ones to Add	
Lesson 5: Regroup Tens to Add	
Lesson 6: Add Three-Digit Numbers	<p>Without regrouping</p> <p>1. Use models to add three-digit numbers - without regrouping Q7V</p> <p>With regrouping</p> <p>2. Use models to add three-digit numbers - with regrouping KUG</p> <p>3. Addition with three-digit numbers ETW</p>
Lesson 7: Rewrite Three Digit Addition	
Lesson 8: Problem Solving	<p>1. Addition word problems - up to three digits UV2</p> <p>2. Write the addition sentence - up to three digits PQT</p>

Chapter 7

Subtract Three-Digit Numbers

Textbook section	IXL skills
Lesson 1: Take Apart Hundreds to Subtract	
Lesson 2: Subtract Hundreds	<ol style="list-style-type: none">1. Subtract multiples of 100 2E22. Input/output tables - add and subtract by 100 C97
Lesson 3: Mentally Subtract 10 or 100	<ol style="list-style-type: none">1. Input/output tables - add and subtract by 10 or 100 6XK
Lesson 4: Regroup Tens	
Lesson 5: Regroup Hundreds	
Lesson 6: Subtract Three-Digit Numbers	<ol style="list-style-type: none">1. Subtract three-digit numbers ZVR
Lesson 7: Rewrite Three-Digit Subtraction	
Lesson 8: Problem Solving	<ol style="list-style-type: none">1. Subtraction word problems - up to three digits ZMA2. Write the subtraction sentence - up to three digits 5B3
Lesson 9: Subtract Across Zeros	

Chapter 8

Money

Textbook section	IXL skills
Lesson 1: Pennies, Nickels, and Dimes	1. Count money - pennies, nickels, and dimes only AVN
Lesson 2: Quarters	Identify coins 1. Names and values of common coins 2QM Count coins 2. Count money - up to \$1 DGK
Lesson 3: Count Coins	1. Equivalent amounts of money - up to \$1 MGA
Lesson 4: Problem Solving	1. Purchases - do you have enough money - up to \$1 F62
Lesson 5: Dollars	1. How much more to make a dollar? V9L 2. Exchanging money - with pictures VZD

Chapter 9

Data Analysis

Textbook section	IXL skills
Lesson 1: Take a Survey	<ol style="list-style-type: none">1. Which tally chart is correct? 9DN2. Interpret tally charts 2VQ
Lesson 2: Make Picture Graphs	<ol style="list-style-type: none">1. Create pictographs I NM5
Lesson 3: Analyze Picture Graphs	<ol style="list-style-type: none">1. Interpret pictographs I QDT
Lesson 4: Make Bar Graphs	<ol style="list-style-type: none">1. Create bar graphs 6KD
Lesson 5: Analyze Bar Graphs	<ol style="list-style-type: none">1. Interpret bar graphs I RPD2. Interpret bar graphs II 8CH3. Which bar graph is correct? BMG
Lesson 6: Problem Solving	<ol style="list-style-type: none">1. Interpret data in tables LH7
Lesson 7: Make Line Plots	<ol style="list-style-type: none">1. Create line plots F2U
Lesson 8: Analyze Line Plots	<ol style="list-style-type: none">1. Interpret line plots HY6

Chapter 10

Time

Textbook section	IXL skills
Lesson 1: Time to the Hour	<ol style="list-style-type: none">1. Match analog and digital clocks: to the hour BCR2. Read clocks and write times: to the hour HWN
Lesson 2: Time to the Half Hour	<ol style="list-style-type: none">1. Read clocks and write times: hour and half hour AQW
Lesson 3: Problem Solving	<ol style="list-style-type: none">1. Elapsed time I UDE
Lesson 4: Time to the Quarter Hour	<ol style="list-style-type: none">1. Time words: o'clock, half, quarter 5TA
Lesson 5: Time to Five Minute Intervals	<ol style="list-style-type: none">1. Match digital clocks and times 36N2. Match analog clocks and times D9K3. Match analog and digital clocks HKL4. Read clocks and write times K7F
Lesson 6: A.M. or P. M.	<ol style="list-style-type: none">1. A.M. or P.M. EJW

Chapter 11

Customary and Metric Lengths

Textbook section	IXL skills
Lesson 1: Inches	1. Measure using an inch ruler 88A
Lesson 2: Feet and Yards	1. Which customary unit of length is appropriate: inches, feet, or yards? GKJ
Lesson 3: Select and Use Customary Tools	
Lesson 4: Compare Customary Lengths	1. Customary units of length: word problems GSF
Lesson 5: Relate Inches, Feet, and Yards	
Lesson 6: Problem Solving	1. Customary units of length: word problems GSF
Lesson 7: Centimeters and Meters	1. Measure using a centimeter ruler 7WA
Lesson 8: Select and Use Metric Tools	
Lesson 9: Compare Metric Lengths	1. Metric units of length: word problems KJ5
Lesson 10: Relate Centimeters and Meters	1. Which metric unit of length is appropriate? SKH
Lesson 11: Measure on a Number Line	
Lesson 12: Measurement Data	

Chapter 12

Geometric Shapes and Equal Shares

Textbook section	IXL skills
Lesson 1: Two-Dimensional Shapes	<ol style="list-style-type: none"> 1. Name the two-dimensional shape 2FK 2. Select two-dimensional shapes DWL
Lesson 2: Sides and Angles	<ol style="list-style-type: none"> 1. Count sides and vertices EAQ 2. Compare sides and vertices G9N 3. Equal sides D6K
Lesson 3: Problem Solving	
Lesson 4: Three-Dimensional Shapes	<p>Three-dimensional shapes</p> <ol style="list-style-type: none"> 1. Name the three-dimensional shape 9E9 2. Select three-dimensional shapes FAL <p>Three-dimensional shapes and everyday objects</p> <ol style="list-style-type: none"> 3. Shapes of everyday objects I 9VC 4. Shapes of everyday objects II 63Q
Lesson 5: Faces, Edges, and Vertices	<ol style="list-style-type: none"> 1. Count vertices, edges, and faces X72 2. Compare vertices, edges, and faces DPT
Lesson 6: Relate Shapes and Solids	<ol style="list-style-type: none"> 1. Identify faces of three-dimensional shapes QSR 2. Identify shapes traced from solids MRD
Lesson 7: Halves, Thirds, and Fourths	<p>Identify equal parts</p> <ol style="list-style-type: none"> 1. Equal parts H5R <p>Identify halves, thirds, and fourths</p> <ol style="list-style-type: none"> 2. Identify halves EZ2 3. Identify thirds EMA 4. Identify fourths V5Q 5. Identify halves, thirds, and fourths 24W <p>Make halves, thirds, and fourths</p> <ol style="list-style-type: none"> 6. Make halves XME 7. Make thirds 65F

8. Make fourths QZ9
9. Make halves, thirds, and fourths QD2
10. Make halves, thirds, and fourths in different ways 6SG

Lesson 8: Area

1. Area 73H
 2. Tile a rectangle with squares 2VD
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