



IXL Skill Alignment

2nd grade alignment for Bridges[®] in Mathematics



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Unit 1

Figure the Facts

Textbook section	IXL skills
Module 1: Sorting & Graphing	<ol style="list-style-type: none">1. Number lines - up to 100 T6D2. Writing numbers up to 100 in words - convert words to digits 2FT3. Writing numbers up to 100 in words - convert digits to words VPG4. Add one-digit numbers - sums to 10 M555. Subtract one-digit numbers - up to 10 VY2
Module 2: Number Facts with the Number Rack	<ol style="list-style-type: none">1. Addition with pictures - sums to 20 PM82. Write addition sentences to describe pictures - sums to 20 L2M3. Add doubles using models S574. Add doubles 8Z7
Module 3: Introducing Addition and Subtraction Strategies	<ol style="list-style-type: none">1. Number lines - up to 100 T6D2. Ways to make a number with addition - sums to 10 KKE3. Subtract one-digit numbers - up to 10 VY24. Ways to subtract - up to 10 RHJ5. Write subtraction sentences - up to 10 Z7Z
Module 4: Fluency with Addition Facts to 20	<ol style="list-style-type: none">1. Add one-digit numbers 5C62. Add zero YEY3. Addition word problems - sums to 20 EN64. Subtract a one-digit number from a two-digit number up to 18 HSU

Unit 2

Place Value & Measurement with Jack's Beanstalks

Textbook section	IXL skills
Module 1: Counting & Modeling Two- & Three-Digit Numbers	<ol style="list-style-type: none">1. Complete the addition sentence - sums to 20 MQX2. Place value models - tens and ones HQR3. Convert to/from a number - tens and ones GDN
Module 2: Measuring Jack's Giant Beans with Tens	<ol style="list-style-type: none">1. Comparing numbers up to 100 G7F2. Put numbers up to 100 in order LK6
Module 3: Adding on the Open Number Line	<ol style="list-style-type: none">1. Add doubles 8Z72. Addition sentences: which is true? GMN3. Add three one-digit numbers YCC4. Subtract doubles BEV5. Subtraction sentences: which is true? UY26. A.M. or P.M. EJV
Module 4: Thinking In Twos	<ol style="list-style-type: none">1. Comparing groups of coins FVT

Unit 3

Addition & Subtraction Within One Hundred

Textbook section	IXL skills
Module 1: Tens & Ones	<ol style="list-style-type: none"> 1. Add multiples of 10 NPQ 2. Subtract multiples of 10 2Q6 3. Input/output tables - add and subtract by 10 WR2
Module 2: Adding & Subtracting on the Number Line	<ol style="list-style-type: none"> 1. Skip-counting by fives VHG 2. Skip-counting sequences MV8 3. Addition sentences using number lines - sums up to 20 FXF 4. Subtraction sentences using number lines - up to 20 GUZ
Module 3: Present & Parcel Story Problems with Two-Digit Numbers	<ol style="list-style-type: none"> 1. Write addition sentences to describe pictures XJ5 2. Addition word problems - up to two digits XAT 3. Write subtraction sentences to describe pictures - up to two digits UBF 4. Subtraction word problems - up to two digits UFU 5. Addition and subtraction word problems - up to 100 MEP 6. Count money - pennies, nickels, and dimes only AVN 7. Add and subtract money - up to \$1: word problems N5Y 8. Making change LYP
Module 4: Data & The Many Colors Project	

Unit 4

Measurement

Textbook section	IXL skills
Module 1: Inches & Feet	<ol style="list-style-type: none"> 1. Add a two-digit and a one-digit number - without regrouping EZ7 2. Add a two-digit and a one-digit number - with regrouping 8BT 3. Add two-digit numbers without regrouping - sums to 100 TX5 4. Add two-digit numbers with regrouping - sums to 100 GLX 5. Subtract a one-digit number from a two-digit number - without regrouping L8D 6. Subtract a one-digit number from a two-digit number - with regrouping P85 7. Subtract two two-digit numbers - without regrouping R8C 8. Subtract two two-digit numbers - with regrouping TWE 9. Add and subtract numbers up to 100 JDT 10. Interpret tally charts 2VQ 11. Interpret pictographs I QDT 12. Measure using an inch ruler 88A
Module 2: Inches, Feet, & Yards	<ol style="list-style-type: none"> 1. Which customary unit of length is appropriate: inches, feet, or yards? GKJ
Module 3: Proportions & Fractions with a Giant	<ol style="list-style-type: none"> 1. Addition and subtraction word problems - up to 20 75R 2. Addition and subtraction word problems - up to 100 MEP 3. Customary units of length: word problems GSF
Module 4: Thinking in Threes	<ol style="list-style-type: none"> 1. Count forward and backward by fives and tens 8JK 2. Hundreds chart LHN

Unit 5

Place Value to One Thousand

Textbook section	IXL skills
Module 1: Counting to One Thousand	<ol style="list-style-type: none"> 1. Comparing numbers up to 1,000 XF9 2. Convert to/from a number - up to hundreds HUX 3. Convert from expanded form - up to hundreds LG5
Module 2: Place Value With Money	<ol style="list-style-type: none"> 1. Place value models - tens and ones HQR 2. Place value models - up to hundreds PBX 3. Identify a digit up to the hundreds place 45U 4. Count money - up to \$1 DGK 5. Count money - up to \$5 3R8 6. Equivalent amounts of money - up to \$1 MGA 7. Exchanging money - with pictures VZD 8. How much more to make a dollar? V9L 9. Match analog and digital clocks HKL
Module 3: Multiples of Ten, One Hundred, & One Thousand	<ol style="list-style-type: none"> 1. Put numbers up to 1,000 in order 3N2 2. Greatest and least - word problems - up to 1,000 6QX 3. Add multiples of 100 85Z 4. Add multiples of 10 or 100 RCJ 5. Subtract multiples of 100 2E2 6. Subtract multiples of 10 or 100 VVM 7. Match analog clocks and times D9K
Module 4: Sequences and Patterns	<ol style="list-style-type: none"> 1. Add two-digit numbers without regrouping - sums to 100 TX5 2. Add two-digit numbers with regrouping - sums to 100 GLX

Unit 6

Geometry

Textbook section	IXL skills
Module 1: Attributes of Two-Dimensional Shapes	1. Name the two-dimensional shape 2FK
Module 2: Exploring Area & Arrays	1. Name the three-dimensional shape 9E9 2. Count vertices, edges, and faces X72 3. Identify faces of three-dimensional shapes QSR 4. Area 73H 5. Select figures with a given area KLV
Module 3: Composing & Decomposing Patchwork Shapes	1. Balance addition equations - sums to 20 6LC 2. Balance subtraction equations - up to 18 HFK 3. Identify halves EZ2
Module 4: Patchwork Fractions	1. Symmetry PG9

Unit 7

Measurement Fractions & Multi-Digit Computation with Hungry Ants

Textbook section	IXL skills
Module 1: Army Ants: Length in Metric Units	<ol style="list-style-type: none">1. Place value models - up to hundreds PBX2. Measure using a centimeter ruler 7WA
Module 2: Ant Treats: Division & Fractions	<ol style="list-style-type: none">1. Equal parts H5R2. Compare fractions using models CDN
Module 3: Adding & Subtracting Three-Digit Numbers	<ol style="list-style-type: none">1. Addition word problems - up to three digits UV22. Subtraction word problems - up to three digits ZMA3. Interpret bar graphs I RPD4. Create bar graphs 6KD5. Identify halves, thirds, and fourths 24W
Module 4: Writing & Solving Story Problems	<ol style="list-style-type: none">1. Interpret bar graphs II 8CH

Unit 8

Measurement, Data, & Multi-Digit Computation with Marble Rolls

Textbook section	IXL skills
Module 1: Revisiting Place Value & Three-Digit Computation	<ol style="list-style-type: none">1. Comparing numbers up to 1,000 XF92. Greatest and least - word problems - up to 1,000 6QX3. Place value - tens and ones RSH4. Place value - up to hundreds BDF
Module 2: Building Marble Rolls & Collecting Data	<ol style="list-style-type: none">1. Put numbers up to 100 in order LK62. Put numbers up to 1,000 in order 3N23. Purchases - do you have enough money - up to \$1 F624. Purchases - do you have enough money - up to \$5 W795. Interpret line plots HY66. Create line plots F2U
Module 3: Collecting & Analyzing More Marble Roll Data	
Module 4: Student-Conducted Surveys	