



IXL Skill Alignment

3rd alignment for Bridges

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Unit 1

Addition and Subtraction Patterns

| Textbook section | IXL skills |
|--|--|
| Module 1: Community Building & Addition Facts to 20 | U.5 Interpret bar graphs >> U.6 Use bar graphs to solve problems >> |
| Module 2: Subtraction Facts to Twenty | |
| Module 3: Double-Digit Addition | |
| Module 4: Story Problems and Strategies | |

Unit 2

Introduction to Multiplication

| Textbook section | IXL skills |
|---|---|
| Module 1: Multiplication in Context | H.6 Multiplication word problems >> |
| Module 2: Multiplying With Arrays& Number Lines | E.5 Identify multiplication expressions for arrays >> |
| | E.6 Write multiplication sentences for arrays >> |
| | E.7 Make arrays to model multiplication >> |
| | E.8 Write multiplication sentences for number lines >> |
| Module 3: Ratio Tables & the Multiplication Table | G.1 Multiplication tables for 2, 3, 4, 5, and 10 >> |
| Module 4: Story Problems with Graphs and Multiple Operations | U.4 Interpret tally charts and tables >> |
| | U.7 Create bar graphs >> |
| | U.8 Interpret line plots >> |

Unit 3

Multi-Digit Addition and Subtraction

| Textbook section | IXL skills |
|--|--|
| Module 1: Rounding and Multi-Digit Addition | P.1 Rounding - nearest ten or hundred only >> |
| Module 2: Multi-Digit Subtraction | |
| Module 3: Estimating to Add and Subtract | B.1 Place value models up to thousands >> P.5 Estimate sums up to 1,000 >> P.7 Estimate sums: word problems >> P.8 Estimate differences up to 1,000 >> P.10 Estimate differences: word problems >> |
| Module 4: Exploring the Algorithms for Addition and Subtraction | C.1 Add two numbers up to three digits >> C.3 Add two numbers up to three digits - word problems >> C.4 Complete the addition sentence - up to three digits >> C.6 Add three numbers up to three digits each >> D.1 Subtract numbers up to three digits >> D.3 Subtract numbers up to three digits - word problems >> D.4 Complete the subtraction sentence - up to three digits >> |

Unit 4

Measurement & Fractions

| Textbook section | IXL skills |
|--|--|
| Module 1: Measuring Time & Mass | T.1 Match clocks and times >> T.2 Match analog and digital clocks >> T.3 Read clocks and write times >> T.6 Elapsed time >> T.7 Elapsed time word problems I >> T.8 Elapsed time word problems II >> BB.14 Which metric unit of weight is appropriate? >> BB.18 Compare and convert metric units of weight >> |
| Module 2: Measuring Volume & Solving Measurement Story Problems | BB.15 Which metric unit of volume is appropriate? >> BB.19 Compare and convert metric units of volume >> |
| Module 3: Fractions as Fair Shares | W.7 Match unit fractions to models >> W.9 Fractions of number lines: unit fractions >> W.10 Fractions of number lines >> W.11 Identify unit fractions on number lines >> W.12 Identify fractions on number lines >> W.13 Graph unit fractions on number lines >> W.14 Graph fractions on number lines >> |
| Module 4: Fractions on a Line Plot | U.9 Create line plots >> U.10 Create line plots with fractions >> |

Unit 5

Multiplication, Division, & Area

| Textbook section | IXL skills |
|---|---|
| Module 1: Linking Multiplication & Division | Y.1 Compare fractions using models >> |
| Module 2: Multiplication & Division Families | G.2 Multiplication facts for 2, 3, 4, 5, and 10: true or false? >> |
| | I.3 Relate multiplication and division for groups >> |
| | I.5 Relate multiplication and division for arrays >> |
| | K.1 Division facts for 2, 3, 4, 5, and 10 >> |
| | K.2 Division facts for 2, 3, 4, 5, and 10: true or false? >> |
| | M.4 Multiplication and division facts up to 10: true or false? >> |
| | N.10 Relate multiplication and division >> |
| Module 3: Division Practice | K.10 Division facts up to 10: find the missing number >> |
| | K.11 Division facts up to 10: select the missing numbers >> |
| | L.5 Division word problems >> |
| Module 4: Introducing Area | FF.6 Find the area of figures made of unit squares >> |

Unit 6

Geometry

| Textbook section | IXL skills |
|---|--|
| Module 1: Investigating Polygons | CC.1 Identify two-dimensional shapes >> CC.2 Count and compare sides and vertices >> CC.4 Is it a polygon? >> DD.4 Identify parallelograms >> DD.5 Identify trapezoids >> DD.6 Identify rectangles >> |
| Module 2: Quadrilaterals | DD.7 Identify rhombuses >> DD.8 Classify quadrilaterals >> FF.1 Perimeter of rectangles >> |
| Module 3: Perimeter & Area | FF.2 Perimeter of rectilinear shapes >> FF.4 Perimeter: find the missing side length >> FF.11 Find the missing side length of a rectangle >> FF.14 Find the area of complex figures >> |
| Module 4: Shapes & Fractions | W.4 Show fractions: fraction bars >> W.5 Show fractions: area models >> |

Unit 7

Extending Multiplication & Fractions

| Textbook section | IXL skills |
|---|--|
| Module 1: Multiplication Beyond the Basics | G.5 Multiplication tables for 6, 7, 8, and 9 >> |
| | G.9 Multiplication tables up to 10 >> |
| | G.15 Multiplication tables up to 12 >> |
| | H.1 Multiply by a multiple of ten >> |
| Module 2: One-ByTwo Digit Multiplication | G.12 Multiplication facts up to 10: find the missing factor >> |
| | G.13 Multiplication facts up to 10: select the missing factors >> |
| | G.14 Multiplication sentences up to 10: true or false? >> |
| | G.17 Multiplication facts up to 12: find the missing factor >> |
| | G.18 Multiplication facts up to 12: select the missing factors >> |
| | G.19 Multiplication sentences up to 12: true or false? >> |
| | N.5 Properties of multiplication >> |
| | N.6 Distributive property: find the missing factor >> |
| Module 3: Fractions as Parts of a Whole & Parts of a Set | W.17 Unit fractions: word problems >> |
| | W.19 Fractions of a whole: word problems >> |
| | W.20 Fractions of a group: word problems >> |
| Module 4: Fractions at Work | Y.2 Compare fractions using number lines >> |
| | Y.3 Graph and compare fractions with like denominators on number lines >> |
| | Y.4 Graph and compare fractions with like numerators on number lines >> |
| | Y.5 Graph and compare fractions on number lines >> |

Unit 8

Bridge Design & Construction: Data Collection & Analysis

| Textbook section | IXL skills |
|---|---|
| Module 1: Introducing Bridges | U.9 Create line plots >> |
| Module 2: Investigating Structures in Bridges | U.5 Interpret bar graphs >> |
| | U.6 Use bar graphs to solve problems >> |
| | U.7 Create bar graphs >> |
| Module 3: Planning, Building, & Analyzing Bridges | U.8 Interpret line plots >> |
| | U.10 Create line plots with fractions >> |
| | U.12 Create pictographs >> |
| | FF.3 Perimeter of polygons >> |
| Module 4: Demonstrating Our Learning About Bridges | |