



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? >>
Module 3: Division Practice	N.10	Relate multiplication and division >>
	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		