



IXL Skill Alignment

4th alignment for Bridges

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Unit 1

Multiplicative Thinking

Textbook section	IXL skills	
Module 1: Models for Multiplication and Division	D.1	Multiplication facts to 12 >>
	D.2	Multiplication facts up to 12: find the missing factor >>
Module 2: Primes and Composites	A.14	Prime and composite - up to 20 >>
	D.5	Identify factors >>
Module 3: Multiplicative Comparisons and Equations	D.3	Compare numbers using multiplication >>
	E.1	Division facts to 12 >>
	E.2	Division facts to 12: word problems >>
Module 4: Measurement Experiences		

unit 1

Multiplicative Thinking

Textbook section	IXL skills
Module 2: Primes and Composites	A.15 Prime and composite - up to 100 >>

Unit 2

Multi-Digit Multiplication and Early Division

Textbook section	IXL skills
Module 1: Building Multiplication Arrays	
Module 2: Arrays and Ratio Tables	
Module 3: Multiplication Stories and Strategies	
Module 4: Early Division with Remainders	E.5 Divide 2-digit numbers by 1-digit numbers: word problems >>

Unit 3

Fractions and Decimals

Textbook section	IXL skills	
Module 1: Equivalent Fractions	P.1	Fractions review >>
Module 2: Comparing, Composing and Decomposing Fractions and Mixed Numbers	P.2	Fractions of a whole: word problems >>
	P.3	Fractions of a group: word problems >>
	P.4	Mixed number review >>
	P.23	Convert between improper fractions and mixed numbers >>
	Q.5	Add fractions with like denominators >>
	Q.7	Subtract fractions with like denominators >>
	Q.9	Add and subtract fractions with like denominators >>
Module 3: Introducing Decimals	Q.11	Add and subtract fractions with like denominators: word problems >>
	T.1	What decimal number is illustrated? >>
	T.2	Model decimals and fractions >>
	T.3	Understanding decimals expressed in words >>
	T.6	Graph decimals on number lines >>
	T.9	Convert fractions and mixed numbers to decimals - denominators of 10 and 100 >>
Module 4: Fractions and Decimals	T.15	Compare decimal numbers >>
	T.10	Convert fractions and mixed numbers to decimals >>
	T.18	Compare decimals and fractions on number lines >>
	T.19	Compare decimals and fractions >>

Unit 4

Addition, Subtraction, and Measurement

Textbook section	IXL skills	
Module 1: Place Value and the Traditional Addition Algorithm	A.2	Convert between standard and expanded form >>
	A.3	Place value names >>
	A.5	Choose word names for numbers up to one thousand >>
	A.6	Write word names for numbers up to one thousand >>
	A.16	Rounding >>
	B.2	Add numbers up to millions >>
	B.4	Add numbers up to millions: word problems >>
	B.5	Addition: fill in the missing digits >>
	B.9	Choose numbers with a particular sum >>
Module 2: The Traditional Subtraction Algorithm	C.2	Subtract numbers up to millions >>
	C.4	Subtract numbers up to millions: word problems >>
	C.5	Subtraction: fill in the missing digits >>
	C.7	Choose numbers with a particular difference >>
Module 3: Measurement	N.13	Compare and convert metric units of weight >>
	N.14	Compare and convert metric units of volume >>
	O.6	Elapsed time: word problems >>
Module 4: Measurement and Data Displays	N.1	Measure using an inch ruler >>

Unit 5

Geometry and Measurement

Textbook section	IXL skills
Module 1: Measuring Angles	W.7 Parts of a circle >> Z.1 Acute, right, obtuse, and straight angles >> Z.3 Measure angles with a protractor >> Z.4 Estimate angle measurements >>
Module 2: Polygons and Symmetry	W.2 Is it a polygon? >> W.3 Number of sides in polygons >> W.5 Parallel, perpendicular, and intersecting lines >> X.1 Acute, obtuse, and right triangles >> X.2 Scalene, isosceles, and equilateral triangles >> X.3 Classify triangles >> X.9 Classify quadrilaterals >> Y.1 Identify lines of symmetry >> Y.2 Draw lines of symmetry >> Y.3 Count lines of symmetry >>
Module 3: Area and Perimeter	BB.1 Perimeter >> BB.7 Area of complex figures (with all right angles) >> BB.10 Relationship between area and perimeter >> BB.11 Area and perimeter: word problems >>
Module 4: Angles in Motion	Z.5 Adjacent angles >>

Unit 6

Multiplication & Division, Data & Fractions

Textbook section	IXL skills	
Module 1: Multiplication and Division Strategies	G.2	Write variable expressions: word problems >>
	G.4	Write variable equations to represent word problems >>
Module 2: Revisiting Area and Perimeter	BB.2	Perimeter: find the missing side lengths >>
	BB.6	Find the area or missing side length of a rectangle >>
	BB.12	Rectangles: relationship between perimeter and area word problems >>
Module 3: Line Plots, Fractions & Division	J.6	Interpret line plots >>
	J.7	Create line plots >>
	J.8	Create and interpret line plots with fractions >>
Module 4: More Division	E.4	Divide 2-digit numbers by 1-digit numbers >>
	E.7	Divide 2-digit numbers by 1-digit numbers: interpret remainders >>

Unit 7

Reviewing & Extending Fractions, Decimals & Multi-Digit Multiplication

Textbook section	IXL skills
Module 1: Comparing Fractions & Writing Equivalent Fractions	P.5 Find equivalent fractions using area models >>
	P.6 Graph equivalent fractions on number lines >>
	P.7 Equivalent fractions >>
	P.12 Graph and compare fractions with like numerators or denominators on number lines >>
	P.13 Compare fractions with like numerators or denominators >>
	P.14 Compare fractions using models >>
	P.17 Compare fractions >>
	P.18 Compare fractions in recipes >>
Module 2: Decimals & Decimal Fractions	R.5 Add fractions with denominators of 10 and 100 >>
	T.4 Place values in decimal numbers >>
	T.5 Equivalent decimals >>
	T.8 Graph fractions as decimals on number lines >>
Module 3: Introducing the Standard Multiplication Algorithm	D.6 Multiply 1-digit numbers by 2-digit numbers >>
	D.7 Multiply 1-digit numbers by 3-digit or 4-digit numbers >>
	D.13 Estimate products - multiply by 1-digit numbers >>
Module 4: Extending the Standard Multiplication Algorithm	D.18 Multiply a 2-digit number by a 2-digit number: complete the missing steps >>
	D.19 Multiply a 2-digit number by a 2-digit number >>
	D.20 Multiply a 2-digit number by a 2-digit number: word problems >>
	D.30 Multiplication input/output tables >>

Unit 8

Playground Design

Textbook section	IXL skills	
Module 1: Introducing Playground Design		
Module 2: Making Decisions	J.1	Read a table >>
	V.5	Find the mean >>
	BB.8	Area between two rectangles >>
Module 3: Using Scale Models for Our Playground &Field	BB.14	Use area and perimeter to determine cost >>
Module 4: Building Model Playgrounds		