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 >>
	Q.11	Add and subtract fractions with like denominators: word problems >>
Module 3: Introducing Decimals	**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 >>
	T.15	Compare decimal numbers >>
Module 4: Fractions and Decimals	**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		