



IXL Skill Alignment

K alignment for EngageNY Common Core Curriculum

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Module 1

Numbers to 10

Textbook section	IXL skills
Topic A: Attributes of Two Related Objects	P.2 Same >> <i>See also:</i> P.1 Different >> P.3 Same and different >>
Topic B: Classify to Make Categories and Count	A.1 Learn to count to 3 >> A.2 Count to 3 >> A.6 Represent numbers - up to 3 >> P.4 Classify shapes by color >> P.5 Classify and sort by color >> P.6 Classify and sort by shape >> P.7 Classify and sort >> <i>See also:</i> A.3 Count using stickers - up to 3 >>
Topic C: Numbers to 5 in Different Configurations, Math Drawings, and Expressions	A.4 Count on ten frames - up to 3 >> A.5 Show numbers on ten frames - up to 3 >> B.1 Learn to count to 5 >> B.2 Count to 5 >> B.4 Count on ten frames - up to 5 >> B.6 Represent numbers - up to 5 >> <i>See also:</i> A.3 Count using stickers - up to 3 >> B.3 Count using stickers - up to 5 >> B.5 Show numbers on ten frames - up to 5 >> I.4 Make a number using addition - sums up to 5 >>
Topic D: The Concept of Zero and Working with Numbers 0-5	

Topic E: Working with Numbers 6-8 in Different Configurations

Topic F: Working with Numbers 9-10 in Different Configurations

- C.1** Learn to count to 10 >>
- C.2** Count to 10 >>
- C.3** Count dots - up to 10 >>
- C.4** Count blocks - up to 10 >>
- C.5** Count using stickers - up to 10 >>
- C.6** Count on ten frames - up to 10 >>
- C.7** Show numbers on ten frames - up to 10 >>
- C.8** Represent numbers - up to 10 >>

Topic G: One More with Numbers 0-10

- B.8** Count one more - up to 5 >>
- C.10** Count one more - up to 10 >>
- C.21** Count forward - up to 10 >>
- C.24** Complete a sequence - up to 10 >>

See also:

- C.15** Count up - with numbers >>

Topic H: One Less with Numbers 0-10

- B.10** Count one less - up to 5 >>
- C.12** Count one less - up to 10 >>

Module 2

Two-Dimensional and Three-Dimensional Shapes

Textbook section	IXL skills
Topic A: Two-Dimensional Flat Shapes	M.5 Above and below >>
	M.7 Beside and next to >>
	V.1 Name the two-dimensional shape >>
	V.2 Circles >>
	V.4 Hexagons >>
	V.5 Select two-dimensional shapes >>
	V.6 Count sides and corners >>
	V.7 Compare sides and corners >>
	<i>See also:</i>
	V.3 Squares and rectangles >>
Topic B: Three-Dimensional Solid Shapes	M.6 Above and below - find solid figures >>
	M.8 Beside and next to - find solid figures >>
	W.2 Name the three-dimensional shape >>
	W.3 Spheres >>
	W.4 Cubes >>
	W.5 Cones >>
	W.6 Cylinders >>
	W.7 Select three-dimensional shapes >>
	W.9 Shapes of everyday objects I >>
	W.10 Shapes of everyday objects II >>
Topic C: Two-Dimensional and Three-Dimensional Shapes	W.8 Identify shapes traced from solids >>

Module 3

Comparison of Length, Weight, Capacity, and Numbers to 10

Textbook section	IXL skills
Topic A: Comparison of Length and Height	
Topic B: Comparison of Length and Height of Linking Cube Sticks Within 10	
Topic C: Comparison of Weight	
Topic D: Comparison of Volume	S.4 Holds more or less >>
Topic E: Are There Enough?	G.1 Are there enough? >> <i>See also:</i> G.2 Fewer and more - compare by matching >> G.3 Fewer and more - compare by counting >> G.4 Fewer and more - compare in a mixed group >> G.5 Fewer, more, and same >>
Topic F: Comparison of Sets Within 10	B.7 One more - up to 5 >> B.8 Count one more - up to 5 >> B.9 One less - up to 5 >> B.10 Count one less - up to 5 >> C.9 One more - up to 10 >> C.10 Count one more - up to 10 >> C.11 One less - up to 10 >> C.12 Count one less - up to 10 >> <i>See also:</i> C.13 One more and one less - up to 10 >> C.14 Count one more and one less - up to 10 >>
Topic G: Comparison of Numerals	
Topic H: Clarification of Measurable Attributes	

Module 4

Number Pairs, Addition and Subtraction to 10

Textbook section	IXL skills
Topic A: Compositions and Decompositions of 2, 3, 4, and 5	
Topic B: Decompositions of 6, 7, and 8 into Number Pairs	
Topic C: Addition with Totals of 6, 7, and 8	
Topic D: Subtraction from Numbers to 8	K.2 Subtraction sentences - numbers up to 5 >>
	<i>See also:</i>
	K.1 Subtract with pictures - numbers up to 5 >>
	K.5 Subtraction word problems - numbers up to 5 >>
Topic E: Decompositions of 9 and 10 into Number Pairs	
Topic F: Addition with Totals of 9 and 10	
Topic G: Subtraction from 9 and 10	I.3 Add two numbers - sums up to 5 >>
	K.3 Subtract - numbers up to 5 >>
	L.2 Subtraction sentences - numbers up to 10 >>
	<i>See also:</i>
	L.1 Subtract with pictures - numbers up to 10 >>
	L.7 Subtraction word problems - numbers up to 10 >>
Topic H: Patterns with Adding 0 and 1 and Making 10	C.17 Count to fill a ten frame >>
	I.3 Add two numbers - sums up to 5 >>

See also:

J.5 Complete the addition sentence - make ten >>

Module 5

Numbers 10-20 and Counting to 100

Textbook section	IXL skills
Topic A: Count 10 Ones and Some Ones	
Topic B: Compose Numbers 11-20 from 10 Ones and Some Ones; Represent and Write Teen Numbers	D.4 Show numbers on ten frames - up to 20 >> D.5 Represent numbers - up to 20 >>
Topic C: Decompose Numbers 11-20, and Count to Answer 'How Many?' Questions in Varied Configurations	D.1 Count to 20 >> D.2 Count dots - 0 to 20 >> D.3 Count on ten frames - up to 20 >> D.6 Count up - up to 20 >> D.15 Count blocks - up to 20 >> <i>See also:</i> D.11 Count forward - up to 20 >> D.12 Count forward and backward - up to 20 >> D.14 Complete a sequence - up to 20 >>
Topic D: Extend the Say Ten and Regular Count Sequence to 100	E.1 Count on ten frames - up to 30 >> E.2 Count groups of ten >> E.3 Count to 100 >> E.6 Count blocks - up to 30 >> E.9 Count blocks - up to 100 >> F.6 Learn to skip-count by tens >> F.7 Skip-count by tens >> <i>See also:</i> E.4 Counting on the hundred chart >>
Topic E: Represent and Apply Compositions and Decompositions of Teen Numbers	

Module 6

Analyzing, Comparing, and Composing Shapes

Textbook section	IXL skills
Topic A: Building and Drawing Flat and Solid Shapes	I.3 Add two numbers - sums up to 5 >>
	K.3 Subtract - numbers up to 5 >>
	W.8 Identify shapes traced from solids >>
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Topic B: Composing and Decomposing Shapes	