



IXL Skill Alignment

1st alignment for EngageNY Common Core Curriculum

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Module 1

Sums and Differences to 10

Textbook section	IXL skills	
Topic A: Embedded Numbers and Decompositions	B.2	Addition sentences - sums up to 10 >>
Topic B: Counting On from Embedded Numbers	D.2	Make a number using addition - sums up to 10 >>
	D.4	Ways to make a number - addition sentences >>
Topic C: Addition Word Problems	B.1	Add with pictures - sums up to 10 >>
	D.5	Addition word problems - sums up to 10 >>
	D.6	Addition sentences for word problems - sums up to 10 >>
Topic D: Strategies for Counting On	B.1	Add with pictures - sums up to 10 >>
Topic E: The Commutative Property of Addition and the Equals Sign	D.1	Addition facts - sums up to 10 >>
	D.4	Ways to make a number - addition sentences >>
	<i>See also:</i>	
	D.14	Related addition facts >>
Topic F: Development of Addition Fluency Within 10	D.1	Addition facts - sums up to 10 >>
	D.4	Ways to make a number - addition sentences >>
Topic G: Subtraction as an Unknown Addend Problem	F.1	Subtract with pictures - numbers up to 10 >>
	F.3	Subtraction sentences using number lines - numbers up to 10 >>
	H.1	Subtraction facts - numbers up to 10 >>
	<i>See also:</i>	
	H.6	Subtraction word problems - numbers up to 10 >>
	H.7	Subtraction sentences for word problems - numbers up to 10 >>

Topic H: Subtraction Word Problems

- H.6** Subtraction word problems - numbers up to 10 >>
- H.7** Subtraction sentences for word problems - numbers up to 10 >>

Topic I: Decomposition Strategies for Subtraction

- F.4** Subtract zero and all >>
- G.1** Subtracting 1 >>
- G.10** Subtracting 0 >>

Topic J: Development of Subtraction Fluency
Within 10

- D.2** Make a number using addition - sums up to 10 >>
- H.2** Make a number using subtraction - numbers up to 10 >>
- J.3** Fact families >>

Module 2

Sums and Differences to 10

Textbook section	IXL skills
Topic A: Counting On or Making Ten to Solve Result Unknown and Total Unknown Problems	C.7 Adding 7 >> C.8 Adding 8 >> C.9 Adding 9 >> D.9 Addition word problems - sums up to 18 >>
Topic B: Counting On or Taking from Ten to Solve Result Unknown and Total Unknown Problems	G.7 Subtracting 7 >> G.8 Subtracting 8 >> G.9 Subtracting 9 >> H.10 Subtraction word problems - numbers up to 18 >>
Topic C: Strategies for Solving Change or Addend Unknown Problems	D.3 Complete the addition sentence - sums up to 10 >> H.10 Subtraction word problems - numbers up to 18 >>
Topic D: Varied Problems with Decompositions of Teen Numbers as 1 Ten and Some Ones	A.4 Counting tens and ones - up to 20 >> D.8 Addition facts - sums up to 18 >> D.9 Addition word problems - sums up to 18 >> H.9 Subtraction facts - numbers up to 18 >> H.10 Subtraction word problems - numbers up to 18 >> J.5 Addition and subtraction facts - numbers up to 18 >> J.6 Addition and subtraction word problems >> M.2 Write numbers as tens and ones up to 20 >>

Module 3

Ordering and Comparing Length Measurements as Numbers

Textbook section	IXL skills	
Topic A: Indirect Comparison in Length Measurement	P.2	Compare objects: length and height >>
Topic B: Standard Length Units	P.3	Measure using objects >>
Topic C: Non-Standard and Standard Length Units	P.3	Measure using objects >>
Topic D: Data Interpretation	O.1	Record data with tally charts, picture graphs, tables >>
	O.2	Interpret data in tally charts, picture graphs, tables >>
	<i>See also:</i>	
	E.11	Add three numbers >>
	E.12	Add three numbers - word problems >>

Module 4

Place Value, Comparison, Addition and Subtraction to 40

Textbook section	IXL skills
Topic A: Tens and Ones	A.4 Counting tens and ones - up to 20 >> A.5 Count on ten frames - up to 40 >> A.6 Counting by tens - up to 100 >> M.1 Place value models up to 20 >> M.2 Write numbers as tens and ones up to 20 >> M.4 Convert between tens and ones >>
Topic B: Comparison of Pairs of Two-Digit Numbers	
Topic C: Addition and Subtraction of Tens	
Topic D: Addition of Tens or Ones to a Two-Digit Number	
Topic E: Varied Problem Types Within 20	D.9 Addition word problems - sums up to 18 >> J.6 Addition and subtraction word problems >>
Topic F: Additions of Tens and Ones to a Two-Digit Number	

Module 5

Identifying, Composing, and Partitioning Shapes

Textbook section	IXL skills	
Topic A: Attributes of Shapes	V.2	Select two-dimensional shapes >>
	V.5	Open and closed shapes >>
	W.9	Shapes of everyday objects I >>
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Topic B: Part-Whole Relationships Within Composite Shapes		
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Topic C: Halves and Quarters of Rectangles and Circles	X.2	Equal parts - halves, thirds, and fourths >>
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Topic D: Application of Halves to Tell Time	U.2	Match analog clocks and times >>
	U.3	Match analog and digital clocks >>
	U.4	Read clocks and write times >>
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Module 6

Place Value, Comparison, Addition and Subtraction to 100

Textbook section	IXL skills	
Topic A: Comparison Word Problems		
Topic B: Numbers to 120	A.8	Counting tens and ones - up to 99 >>
	A.11	Counting forward and backward >>
	J.8	Ten more or less >>
	K.3	Comparing numbers up to 100 >>
	M.3	Place value models up to 100 >>
	M.5	Write numbers as tens and ones >>
Topic C: Addition to 100 Using Place Value Understanding	E.9	Add two multiples of ten >>
	E.10	Add a multiple of ten >>
	I.3	Subtract multiples of 10 >>
Topic D: Varied Place Value Strategies for Addition to 100		
Topic E: Coins and Their Values	Q.1	Names and values of common coins >>
	Q.3	Count pennies, nickels, and dimes >>
	Q.4	Count pennies, nickels, dimes, and quarters >>
Topic F: Varied Problem Types Within 20	D.9	Addition word problems - sums up to 18 >>
	H.10	Subtraction word problems - numbers up to 18 >>
	J.6	Addition and subtraction word problems >>
Topic G: Culminating Experiences	A.6	Counting by tens - up to 100 >>
	A.11	Counting forward and backward >>
	D.3	Complete the addition sentence - sums up to 10 >>
	D.8	Addition facts - sums up to 18 >>
	D.11	Addition facts - sums up to 20 >>
	H.9	Subtraction facts - numbers up to 18 >>
	J.3	Fact families >>

- J.5** Addition and subtraction facts - numbers up to 18 >>
 - K.3** Comparing numbers up to 100 >>
 - M.5** Write numbers as tens and ones >>
 - P.3** Measure using objects >>
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