



IXL Skill Alignment

1st grade alignment for EngageNY Common Core Curriculum



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

www.ixl.com/math/skill-plans/engageny-common-core-curriculum-1st-grade

This document includes the IXL® skill alignments to New York State Education Department's [EngageNY Common Core Curriculum](#). IXL provides skill alignments as a service to teachers, students, and parents. The skill alignments are provided by IXL and are not affiliated with, sponsored by, reviewed, approved or endorsed by New York State Education Department or any other third party. IXL® and IXL Learning® are registered trademarks of IXL Learning, Inc. All other intellectual property rights (e.g., unregistered and registered trademarks and copyrights) are the property of their respective owners.

Visit IXL.com for more information

IXL Learning © 2020

Module 1

Sums and Differences to 10

Textbook section	IXL skills
Topic A: Embedded Numbers and Decompositions	1. Addition sentences up to 10: which model matches? E5U
Topic B: Counting On from Embedded Numbers	1. Make a number using addition - sums up to 10 VSE 2. Ways to make a number - addition sentences up to 10 K48
Topic C: Addition Word Problems	1. Add with pictures - sums up to 10 H6S 2. Addition word problems - sums up to 10 P6D 3. Addition sentences for word problems - sums up to 10 ZE8
Topic D: Strategies for Counting On	1. Add with pictures - sums up to 10 H6S
Topic E: The Commutative Property of Addition and the Equals Sign	1. Addition facts - sums up to 10 WUL 2. Ways to make a number - addition sentences up to 10 K48 <i>Also consider:</i> • Related addition facts Y8Y
Topic F: Development of Addition Fluency Within 10	1. Addition facts - sums up to 10 WUL 2. Ways to make a number - addition sentences up to 10 K48
Topic G: Subtraction as an Unknown Addend Problem	1. Subtract with pictures - up to 10 Y2Z 2. Subtraction sentences using number lines - up to 10 LRN 3. Subtraction facts - up to 10 EQK <i>Also consider:</i> • Subtraction word problems - up to 10 7NL • Subtraction sentences for word problems - up to 10 R2J

Topic H: Subtraction Word Problems

1. Subtraction word problems - up to 10 7NL
 2. Subtraction sentences for word problems - up to 10 R2J
-

Topic I: Decomposition Strategies for Subtraction

1. Subtract zero and all PEQ
 2. Subtracting 1 HAQ
 3. Subtracting 0 8DN
-

Topic J: Development of Subtraction Fluency
Within 10

1. Make a number using addition - sums up to 10 VSE
 2. Make a number using subtraction - up to 10 RSR
 3. Fact families WD2
-

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	<ol style="list-style-type: none"> 1. Adding 7 BVK 2. Adding 8 LTE 3. Adding 9 H8F 4. Addition word problems - sums up to 20 KY5
Topic B: Counting On or Taking from Ten to Solve Result Unknown and Total Unknown Problems	<ol style="list-style-type: none"> 1. Subtracting 7 62E 2. Subtracting 8 WMY 3. Subtracting 9 YYK 4. Subtraction word problems - up to 20 9Q9
Topic C: Strategies for Solving Change or Addend Unknown Problems	<ol style="list-style-type: none"> 1. Complete the addition sentence - sums up to 10 N2N 2. Subtraction word problems - up to 20 9Q9
Topic D: Varied Problems with Decompositions of Teen Numbers as 1 Ten and Some Ones	<ol style="list-style-type: none"> 1. Counting tens and ones - up to 20 GU6 2. Addition word problems - sums up to 20 KY5 3. Subtraction facts - up to 20 PV5 4. Subtraction word problems - up to 20 9Q9 5. Addition and subtraction facts - up to 20 C78 6. Addition and subtraction word problems - up to 20 VJR 7. Write numbers as tens and ones up to 20 5HL

Module 3

Ordering and Comparing Length Measurements as Numbers

Textbook section	IXL skills
Topic A: Indirect Comparison in Length Measurement	1. Compare objects: length and height D7U
Topic B: Standard Length Units	1. Measure length with objects GWG
Topic C: Non-Standard and Standard Length Units	1. Measure length with objects GWG
Topic D: Data Interpretation	1. Which tally chart is correct? XRL 2. Interpret tally charts LBV <i>Also consider:</i> <ul style="list-style-type: none">• Add three numbers RL2• Add three numbers - word problems Z7S

Module 4

Place Value, Comparison, Addition and Subtraction to 40

Textbook section

IXL skills

Topic A: Tens and Ones

1. Counting tens and ones - up to 20 GU6
2. Count on ten frames - up to 40 WTZ
3. Skip-counting by tens N89
4. Place value models up to 20 YPB
5. Write numbers as tens and ones up to 20 5HL
6. Convert between tens and ones - multiples of 10 VH7

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

1. Addition word problems - sums up to 20 KY5
2. Addition and subtraction word problems - up to 20 VJR

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	<ol style="list-style-type: none">1. Select two-dimensional shapes HV62. Open and closed shapes DBN3. Shapes of everyday objects I ZCN
Topic B: Part-Whole Relationships Within Composite Shapes	
Topic C: Halves and Quarters of Rectangles and Circles	<ol style="list-style-type: none">1. Equal parts - halves, thirds, and fourths FZT
Topic D: Application of Halves to Tell Time	<ol style="list-style-type: none">1. Match analog clocks and times 5FJ2. Match analog and digital clocks 7N33. Read clocks and write times UJM

Module 6

Place Value, Comparison, Addition and Subtraction to 100

Textbook section	IXL skills
Topic A: Comparison Word Problems	
Topic B: Numbers to 120	<ol style="list-style-type: none"> Counting tens and ones - up to 99 EAN Counting forward - up to 100 A6F Ten more or less CLA Compare numbers up to 100 using symbols FU5 Place value models up to 100 5CG Write numbers as tens and ones 7WF
Topic C: Addition to 100 Using Place Value Understanding	<ol style="list-style-type: none"> Add two multiples of ten EMK Add a multiple of ten and a two-digit number LNL Subtract multiples of 10 9DD
Topic D: Varied Place Value Strategies for Addition to 100	
Topic E: Coins and Their Values	<ol style="list-style-type: none"> Names and values of common coins FT2 Count pennies, nickels, and dimes UED Count pennies, nickels, dimes, and quarters 8AK
Topic F: Varied Problem Types Within 20	<ol style="list-style-type: none"> Addition word problems - sums up to 20 KY5 Subtraction word problems - up to 20 9Q9 Addition and subtraction word problems - up to 20 VJR
Topic G: Culminating Experiences	<ol style="list-style-type: none"> Skip-counting by tens N89 Counting forward - up to 100 A6F Complete the addition sentence - sums up to 10 N2N Addition facts - sums up to 20 6TM Addition word problems - sums up to 20 KY5 Subtraction facts - up to 20 PV5 Fact families WD2

8. Addition and subtraction facts - up to 20 C78
 9. Compare numbers up to 100 using symbols FU5
 10. Write numbers as tens and ones 7WF
 11. Measure length with objects GWG
-