



IXL Skill Alignment

Kindergarten 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-kindergarten

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 © 2021

Module 1

Numbers to 10

Textbook section

IXL skills

Topic A: Attributes of Two Related Objects

1. Same H8J

Also consider

- Different 8U4
- Same and different 6XZ

Topic B: Classify to Make Categories and Count

1. Learn to count to 3 VPL
2. Count pictures - up to 3 XZY
3. Represent numbers with pictures - up to 3 S66
4. Classify shapes by color 8JL
5. Classify and sort by color VUU
6. Classify and sort by shape 9UK
7. Classify and sort RPB

Also consider

- Count using stickers - up to 3 7A3

Topic C: Numbers to 5 in Different Configurations, Math Drawings, and Expressions

1. Count on ten frames - up to 3 HV8
2. Show numbers on ten frames - up to 3 HAZ
3. Learn to count to 5 94J
4. Count pictures - up to 5 EAM
5. Count on ten frames - up to 5 QJR
6. Represent numbers with pictures - up to 5 85U

Also consider

- Count using stickers - up to 3 7A3
- Count using stickers - up to 5 BRM
- Show numbers on ten frames - up to 5 WSY
- Make a number using addition - sums up to 5 B2L

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

1. Learn to count to 10 SLE
2. Count pictures - up to 10 WVJ
3. Count dots - up to 10 WNL
4. Count blocks - up to 10 DB8
5. Count using stickers - up to 10 VNE
6. Count on ten frames - up to 10 QQQ
7. Show numbers on ten frames - up to 10 TGW
8. Represent numbers - up to 10 UJH

Topic G: One More with Numbers 0-10

1. One more on frames - up to 5 Z6Y
2. One more on frames - up to 10 EUM
3. Count forward - up to 10 MFP
4. Complete a sequence - up to 10 5A2

Also consider

- Count up - up to 10 BEC

Topic H: One Less with Numbers 0-10

1. One less on frames - up to 5 MVT
2. One less on frames - up to 10 CYU

Module 2

Two-Dimensional and Three-Dimensional Shapes

Textbook section	IXL skills
<p>Topic A: Two-Dimensional Flat Shapes</p>	<ol style="list-style-type: none"> 1. Above and below 9DZ 2. Beside and next to 5JY 3. Name the two-dimensional shape MCW 4. Circles ASA 5. Hexagons ZQE 6. Select two-dimensional shapes QRY 7. Count sides and corners UX9 8. Compare sides and corners UXY <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Squares 2WP
<p>Topic B: Three-Dimensional Solid Shapes</p>	<ol style="list-style-type: none"> 1. Above and below - find solid figures 5YQ 2. Beside and next to - find solid figures YYL 3. Name the three-dimensional shape 2FZ 4. Spheres WHV 5. Cubes FS7 6. Cones CFP 7. Cylinders HNK 8. Select three-dimensional shapes QAV 9. Shapes of everyday objects I ZRS 10. Shapes of everyday objects II E2G
<p>Topic C: Two-Dimensional and Three-Dimensional Shapes</p>	<ol style="list-style-type: none"> 1. Identify shapes traced from solids MQE

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	1. Holds more or less 9KH
Topic E: Are There Enough?	1. Are there enough? SL5 <i>Also consider</i> <ul style="list-style-type: none"> Fewer and more - compare by matching 7YV Fewer and more - compare by counting Y2E Fewer and more - compare in a mixed group 7MY Fewer, more, and same FLW
Topic F: Comparison of Sets Within 10	1. One more with pictures - up to 5 YAE 2. One more on frames - up to 5 Z6Y 3. One less with pictures - up to 5 97D 4. One less on frames - up to 5 MVT 5. One more with pictures - up to 10 7MC 6. One more on frames - up to 10 EUM 7. One less with pictures - up to 10 KUP 8. One less on frames - up to 10 CYU <i>Also consider</i> <ul style="list-style-type: none"> One more and one less with pictures - up to 10 HC7 One more and one less on frames - up to 10 6QC
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	<ol style="list-style-type: none"> Subtraction sentences up to 5: which model matches? B55 <p><i>Also consider</i></p> <ul style="list-style-type: none"> Subtract with pictures - numbers up to 5 FSM Subtraction word problems - numbers up to 5 63S
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	<ol style="list-style-type: none"> Add two numbers - sums up to 5 YAX Subtract - numbers up to 5 6R6 Subtraction sentences up to 10: which model matches? UFH <p><i>Also consider</i></p> <ul style="list-style-type: none"> Subtract with pictures - numbers up to 10 5KG Subtraction word problems - numbers up to 10 QBY
Topic H: Patterns with Adding 0 and 1 and Making 10	<ol style="list-style-type: none"> Count to fill a ten frame 2U3 Add two numbers - sums up to 5 YAX <p><i>Also consider</i></p> <ul style="list-style-type: none"> Complete the addition sentence - make 10 CB8

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

1. Show numbers on ten frames - up to 20 HZM
2. Represent numbers - up to 20 HTQ

Topic C: Decompose Numbers 11-20, and Count to Answer 'How Many?' Questions in Varied Configurations

1. Count to 20 2JV
2. Count dots - 0 to 20 7T4
3. Count on ten frames - up to 20 FTY
4. Count up - up to 20 KYB
5. Count blocks - up to 20 2W4

Also consider

- Count forward - up to 20 VXC
- Count forward and backward - up to 20 BGW
- Complete a sequence - up to 20 ZYR

Topic D: Extend the Say Ten and Regular Count Sequence to 100

1. Count on ten frames - up to 30 RE2
2. Count groups of ten 6J5
3. Count to 100 9PV
4. Count blocks - up to 30 BD5
5. Count blocks - up to 100 ZKS
6. Learn to skip-count by tens 5RK
7. Skip-count by tens W6M

Also consider

- Counting on the hundred chart LGT

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

1. Add two numbers - sums up to 5 YAX
2. Subtract - numbers up to 5 6R6
3. Identify shapes traced from solids MQE

Topic B: Composing and Decomposing Shapes