



# IXL Skill Alignment

Kindergarten alignment for My Math



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[www.ixl.com/math/skill-plans/my-math-kindergarten](http://www.ixl.com/math/skill-plans/my-math-kindergarten)

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# Chapter 1

## Numbers 0 to 5

### Textbook section

#### Lesson 1: Count 1, 2, and 3

#### Lesson 2: Read and Write 1, 2, and 3

#### Lesson 3: Count 4 and 5

#### Lesson 4: Read and Write 4 and 5

### IXL skills

#### Count to 3

1. Learn to count to 3 VPL
2. Count using stickers - up to 3 7A3
3. Show numbers on ten frames - up to 3 HAZ

#### Represent numbers to 3

4. Represent numbers with pictures - up to 3 S66
5. Represent numbers with shapes - up to 3 BS9

#### Identify numbers to 3

1. Identify numbers - up to 3 FSH

#### Count to 3

2. Count shapes - up to 3 KD6
3. Count pictures - up to 3 XZY
4. Count on ten frames - up to 3 HV8

#### Count to 5

1. Learn to count to 5 94J
2. Count using stickers - up to 5 BRM
3. Show numbers on ten frames - up to 5 WSY
4. Show numbers with cubes - up to 5 XKB

#### Represent numbers to 5

5. Represent numbers with pictures - up to 5 85U
6. Represent numbers with shapes - up to 5 NA6

#### Identify numbers to 5

1. Identify numbers - up to 5 GZJ

#### Count to 5

2. Count pictures - up to 5 EAM
3. Count on ten frames - up to 5 QJR
4. Count shapes in rows - up to 5 XUZ

5. Count scattered shapes - up to 5 HX8
6. Count cubes - up to 5 U9J

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**Lesson 5:** Read and Write Zero

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**Lesson 6:** Equal To

1. Are there enough? SL5

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**Lesson 7:** Greater Than

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**Lesson 8:** Less Than

1. Fewer and more - compare in a mixed group up to 5 5XM
2. Fewer and more - compare by counting up to 5 5FC
3. Fewer and more - compare by matching up to 5 8DT

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**Lesson 9:** Compare Numbers 0 to 5

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**Lesson 10:** One More

1. One more with pictures - up to 5 YAE
2. One more on frames - up to 5 Z6Y
3. One more - up to 5 6H3

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**Lesson 11:** Draw a Diagram

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# Chapter 2

## Numbers to 10

Textbook section	IXL skills
<b>Lesson 1:</b> Numbers 6 and 7	<ol style="list-style-type: none"> <li>1. Represent numbers - up to 7 S2Q</li> <li>2. Show numbers with cubes - up to 7 H5D</li> </ol>
<b>Lesson 2:</b> Number 8	
<b>Lesson 3:</b> Read and Write 6, 7, and 8	<ol style="list-style-type: none"> <li>1. Count shapes in rings - up to 7 ZGU</li> </ol>
<b>Lesson 4:</b> Number 9	<ol style="list-style-type: none"> <li>1. Represent numbers - up to 9 F2X</li> <li>2. Show numbers with cubes - up to 9 V2C</li> <li>3. Count shapes in rings - up to 9 BFJ</li> </ol>
<b>Lesson 5:</b> Number 10	<ol style="list-style-type: none"> <li>1. Learn to count to 10 SLE</li> <li>2. Count using stickers - up to 10 VNE</li> <li>3. Show numbers on ten frames - up to 10 TGW</li> <li>4. Show numbers with cubes - up to 10 BPS</li> <li>5. Represent numbers - up to 10 UJH</li> </ol>
<b>Lesson 6:</b> Read and Write 9 and 10	<p><b>Count shapes to 10</b></p> <ol style="list-style-type: none"> <li>1. Count shapes in rows - up to 10 R69</li> <li>2. Count scattered shapes - up to 10 F7B</li> <li>3. Count shapes in rings - up to 10 79V</li> </ol> <p><b>Count pictures and objects to 10</b></p> <ol style="list-style-type: none"> <li>4. Count pictures - up to 10 WVJ</li> <li>5. Count dots - up to 10 WNL</li> <li>6. Count blocks - up to 10 DB8</li> <li>7. Count on ten frames - up to 10 QQQ</li> <li>8. Count cubes - up to 10 Q47</li> </ol> <p><b>Read and write numbers to 10</b></p> <ol style="list-style-type: none"> <li>9. Names of numbers - up to 10 ZHM</li> <li>10. Identify numbers - up to 10 Z7T</li> </ol>
<b>Lesson 7:</b> Act it Out	

**Lesson 8:** Compare Numbers 0 to 10**Compare objects**

1. Fewer and more - compare by matching 7YV
2. Fewer and more - compare in a mixed group 7MY
3. Fewer and more - compare by counting Y2E
4. Fewer, more, and same FLW

**Compare numbers**

5. Compare two numbers - up to 10 Z62

**Lesson 9:** One More with Numbers to 10

1. One more with pictures - up to 10 7MC
2. One more on frames - up to 10 EUM
3. One more - up to 10 ZZR

**Lesson 10:** Ordinal Numbers to Fifth

1. Ordinal numbers - up to fifth 2YC

**Lesson 11:** Ordinal Numbers to Tenth

1. Ordinal numbers - up to tenth 5U2

# Chapter 3

## Numbers Beyond 10

### Textbook section

### IXL skills

**Lesson 1:** Numbers 11 and 12

**Lesson 2:** Numbers 13 and 14

**Lesson 3:** Number 15

**Lesson 4:** Numbers 16 and 17

**Lesson 5:** Numbers 18 and 19

**Lesson 6:** Number 20

#### Count to 20 with objects

1. Count to 20 2JV
2. Count dots - 0 to 20 7T4
3. Count blocks - up to 20 2W4

#### Count to 20 on ten frames

4. Count on ten frames - up to 20 FTY
5. Show numbers on ten frames - up to 20 HZM

#### Count to 20

6. Count up - up to 20 KYB

#### Represent numbers to 20

7. Represent numbers - up to 20 HTQ

#### Read and write numbers to 20

8. Identify numbers - up to 20 YT5
9. Names of numbers - up to 20 YBS

**Lesson 7:** Draw a Diagram

**Lesson 8:** Count to 50 By Ones

#### Count to 30

1. Count on ten frames - up to 30 RE2
2. Count blocks - up to 30 BD5

**Count to 50**

3. Count blocks - up to 50 DXN

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**Lesson 9:** Count to 100 By Ones

1. Count to 100 9PV
  2. Counting on the hundred chart LGT
  3. Count blocks - up to 100 ZKS
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**Lesson 10:** Count to 100 By Tens

1. Count groups of ten 6J5
  2. Learn to skip-count by tens 5RK
  3. Skip-count by tens W6M
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# Chapter 4

## Compose and Decompose Numbers to 10

Textbook section	IXL skills
<b>Lesson 1:</b> Make 4 and 5	1. Put together cubes - sums up to 5 EBP
<b>Lesson 2:</b> Take Apart 4 and 5	1. Take away cubes - numbers up to 5 RZA
<b>Lesson 3:</b> Make 6 and 7	
<b>Lesson 4:</b> Take Apart 6 and 7	
<b>Lesson 5:</b> Act It Out	
<b>Lesson 6:</b> Make 8 and 9	1. Put together cubes - sums up to 9 36D
<b>Lesson 7:</b> Take Apart 8 and 9	
<b>Lesson 8:</b> Make Ten	1. Count to fill a ten frame 2U3 2. Put together cubes - sums up to 10 EFK
<b>Lesson 9:</b> Take Apart Ten	1. Take away cubes - numbers up to 10 X5K 2. Take away cubes - from 10 N7J



# Chapter 5

## Addition

Textbook section	IXL skills
<b>Lesson 1:</b> Addition Stories	<ol style="list-style-type: none"> <li>1. Addition word problems with pictures - sums up to 5 W5C</li> <li>2. Addition word problems with pictures - sums up to 10 7VF</li> </ol>
<b>Lesson 2:</b> Use Objects to Add	
<b>Lesson 3:</b> Use the + Sign	
<b>Lesson 4:</b> Use the = Sign	<ol style="list-style-type: none"> <li>1. Add with pictures - sums up to 5 LZY</li> <li>2. Add with pictures - sums up to 10 KM7</li> </ol>
<b>Lesson 5:</b> How Many In All?	<ol style="list-style-type: none"> <li>1. Add with cubes - sums up to 5 RHY</li> <li>2. Add with cubes - sums up to 10 VKN</li> </ol>
<b>Lesson 6:</b> Write a Number Sentence	<p><b>Number sentences to 5</b></p> <ol style="list-style-type: none"> <li>1. Addition sentences up to 5: which model matches? 6RS</li> <li>2. Addition sentences up to 5: what does the model show? FNF</li> </ol> <p><b>Number sentences to 10</b></p> <ol style="list-style-type: none"> <li>3. Addition sentences up to 10: which model matches? GBZ</li> <li>4. Addition sentences up to 10: what does the model show? WTT</li> <li>5. Turn words into an addition sentence - sums up to 10 P5F</li> </ol>
<b>Lesson 7:</b> Add to Make Ten	<ol style="list-style-type: none"> <li>1. Complete the addition sentence - make 10 CB8</li> </ol>

# Chapter 6

## Subtraction

Textbook section	IXL skills
<b>Lesson 1:</b> Subtraction Stories	<ol style="list-style-type: none"><li>1. Subtraction word problems with pictures - numbers up to 5 LWF</li><li>2. Subtraction word problems with pictures - numbers up to 10 E6T</li></ol>
<b>Lesson 2:</b> Use Objects to Subtract	
<b>Lesson 3:</b> Use the - Symbol	
<b>Lesson 4:</b> Use the = Symbol	<ol style="list-style-type: none"><li>1. Subtract with pictures - numbers up to 5 FSM</li><li>2. Subtract with pictures - numbers up to 10 5KG</li></ol>
<b>Lesson 5:</b> How Many Are Left?	<ol style="list-style-type: none"><li>1. Subtract with cubes - numbers up to 5 CSA</li><li>2. Subtract with cubes - numbers up to 10 XZN</li></ol>
<b>Lesson 6:</b> Write a Number Sentence	<ol style="list-style-type: none"><li>1. Subtraction sentences up to 5: which model matches? B55</li><li>2. Subtraction sentences up to 10: which model matches? UFH</li><li>3. Turn words into a subtraction sentence - numbers up to 10 9GF</li></ol>
<b>Lesson 7:</b> Subtract to Take Apart	

# Chapter 7

## Compose and Decompose Numbers 11 to 19

Textbook section	IXL skills
<b>Lesson 1:</b> Make Numbers 11 to 15	
<b>Lesson 2:</b> Take Apart Numbers 11 to 15	
<b>Lesson 3:</b> Make a Table	
<b>Lesson 4:</b> Make Numbers 16 to 19	1. Count tens and ones - up to 20 JLP
<b>Lesson 5:</b> Take Apart Numbers 16 to 19	

# Chapter 8

## Measurement

Textbook section	IXL skills
<b>Lesson 1:</b> Compare Length	1. Long and short DGP
<b>Lesson 2:</b> Compare Height	1. Tall and short 9KJ
<b>Lesson 3:</b> Guess, Check, Revise	1. Measure length with cubes 7AH 2. Build cube trains to measure length XSQ
<b>Lesson 4:</b> Compare Weight	1. Light and heavy WWN
<b>Lesson 5:</b> Describe Length, Height, and Weight	
<b>Lesson 6:</b> Compare Capacity	1. Holds more or less 9KH 2. Compare size, weight, and capacity KGC

# Chapter 9

## Classify Objects

Textbook section	IXL skills
<b>Lesson 1:</b> Alike and Different	<ol style="list-style-type: none"><li>1. Different 8U4</li><li>2. Same H8J</li><li>3. Same and different 6XZ</li></ol>
<b>Lesson 2:</b> Use Logical Reasoning	
<b>Lesson 3:</b> Sort by Size	
<b>Lesson 4:</b> Sort by Shape	<ol style="list-style-type: none"><li>1. Classify and sort by shape 9UK</li><li>2. Sort shapes into a Venn diagram Y5J</li></ol>
<b>Lesson 5:</b> Sort by Count	

# Chapter 10

## Position

Textbook section	IXL skills
<b>Lesson 1:</b> Above and Below	1. Above and below 9DZ
<b>Lesson 2:</b> In Front of and Behind	
<b>Lesson 3:</b> Next to and Beside	1. Beside and next to 5JY
<b>Lesson 4:</b> Act it out	

# Chapter 11

## Two-Dimensional Shapes

Textbook section	IXL skills
<b>Lesson 1:</b> Squares and Rectangles	<ol style="list-style-type: none"> <li>Squares 2WP</li> <li>Rectangles SLM</li> </ol>
<b>Lesson 2:</b> Circles and Triangles	<ol style="list-style-type: none"> <li>Circles ASA</li> <li>Triangles N6Y</li> </ol>
<b>Lesson 3:</b> Squares, Rectangles, Triangles, and Circles	<p><b>Identify two-dimensional shapes</b></p> <ol style="list-style-type: none"> <li>Name the two-dimensional shape H7S</li> </ol> <p><b>Describe two-dimensional shapes</b></p> <ol style="list-style-type: none"> <li>Count sides and corners UX9</li> <li>Compare sides and corners UXY</li> <li>Count corners EKY</li> <li>Count sides VUD</li> <li>Equal sides T54</li> </ol>
<b>Lesson 4:</b> Hexagons	<p><b>Hexagons</b></p> <ol style="list-style-type: none"> <li>Hexagons ZQE</li> </ol> <p><b>Two-dimensional shapes</b></p> <ol style="list-style-type: none"> <li>Name the two-dimensional shape MCW</li> <li>Select two-dimensional shapes QRY</li> </ol>
<b>Lesson 5:</b> Shapes and Patterns	<ol style="list-style-type: none"> <li>Shape patterns UBM</li> <li>Find the next shape in a pattern 8N9</li> <li>Complete a pattern VCR</li> </ol>
<b>Lesson 6:</b> Shapes and Position	
<b>Lesson 7:</b> Compose New Shapes	<ol style="list-style-type: none"> <li>Compose two-dimensional shapes ZXE</li> </ol>
<b>Lesson 8:</b> Use Logical Reasoning	
<b>Lesson 9:</b> Model Shapes in the World	

# Chapter 12

## Three-Dimensional Shapes

Textbook section	IXL skills
<b>Lesson 1:</b> Spheres and Cubes	<ol style="list-style-type: none"><li>1. Spheres WHV</li><li>2. Cubes FS7</li></ol>
<b>Lesson 2:</b> Cylinders and Cones	<ol style="list-style-type: none"><li>1. Cones CFP</li><li>2. Cylinders HNK</li></ol>
<b>Lesson 3:</b> Compare Solid Shapes	<ol style="list-style-type: none"><li>1. Name the three-dimensional shape 2FZ</li><li>2. Select three-dimensional shapes QAV</li></ol>
<b>Lesson 4:</b> Act it Out	
<b>Lesson 5:</b> Model Solid Shapes in Our World	<p><b>Relative positions</b></p> <ol style="list-style-type: none"><li>1. Above and below - find solid figures 5YQ</li><li>2. Beside and next to - find solid figures YYL</li></ol> <p><b>Everyday objects</b></p> <ol style="list-style-type: none"><li>3. Shapes of everyday objects I ZRS</li><li>4. Shapes of everyday objects II E2G</li></ol>