



IXL Skill Alignment

Kindergarten alignment for Math in Focus



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www.ixl.com/math/skill-plans/math-in-focus-2020-kindergarten

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Chapter 1

Numbers to 5

Textbook section

IXL skills

Numbers up to 3

1. Count pictures - up to 3 XZY
2. Count shapes - up to 3 KD6
3. Represent numbers with pictures - up to 3 S66
4. Represent numbers with shapes - up to 3 BS9

Numbers up to 5

1. Count pictures - up to 5 EAM
2. Count shapes in rows - up to 5 XUZ
3. Count scattered shapes - up to 5 HX8
4. Represent numbers with pictures - up to 5 85U
5. Represent numbers with shapes - up to 5 NA6

Chapter 2

Numbers to 10

Textbook section	IXL skills
Numbers up to 7	<ol style="list-style-type: none"> Count shapes in rings - up to 7 ZGU Count cubes - up to 7 72V Show numbers with cubes - up to 7 H5D Represent numbers - up to 7 S2Q
Numbers up to 9	<ol style="list-style-type: none"> Count shapes in rings - up to 9 BFJ Count cubes - up to 9 DNS Show numbers with cubes - up to 9 V2C Represent numbers - up to 9 F2X
Numbers up to 10	<ol style="list-style-type: none"> Count pictures - up to 10 WVJ Count cubes - up to 10 Q47 Count up - up to 10 BEC Count scattered shapes - up to 10 F7B Count shapes in rings - up to 10 79V
Pairing	<ol style="list-style-type: none"> Are these the same number? AQS One more and one less on frames - up to 9 S2X
Make number pairs	<ol style="list-style-type: none"> Put together cubes - sums up to 5 EBP Put together cubes - sums up to 9 36D <ul style="list-style-type: none"> <i>Coming soon:</i> Decompose numbers up to 5 - complete the sentence <i>Coming soon:</i> Decompose numbers up to 9 - complete the sentence
Ordinal numbers	<ol style="list-style-type: none"> Ordinal numbers - up to third 7SZ Ordinal numbers - up to tenth 5U2

Chapter 3

Measurement

Textbook section	IXL skills
Length	<ol style="list-style-type: none">1. Long and short DGP2. Measure length with cubes 7AH3. Build cube trains to measure length XSQ4. Measure length with objects B8S
Height	<ol style="list-style-type: none">1. Tall and short 9KJ2. Measure height with cubes T5K3. Build cube trains to measure height S7W
Comparing weights and capacities	<ol style="list-style-type: none">1. Light and heavy WWN2. Holds more or less 9KH

Chapter 4

Compare Numbers to 10

Textbook section

IXL skills

Comparing

1. Are there enough? KW2
2. One more with pictures - up to 5 YAE
3. One more with frames - up to 9 KJL
4. Fewer - compare by matching R5E
5. Fewer - compare by counting 7QL
6. Fewer and more - compare in a mixed group 7MY
7. Fewer, more, and same FLW

Chapter 5

Flat and Solid Shapes

Textbook section	IXL skills
Flat shapes	<ol style="list-style-type: none">1. Identify shapes traced from solids MQE2. Name the two-dimensional shape MCW3. Select two-dimensional shapes QRY4. Compose two-dimensional shapes ZXE
Solid shapes	<ol style="list-style-type: none">1. Name the three-dimensional shape 64C2. Select three-dimensional shapes QZ53. Shapes of everyday objects I ZRS4. Shapes of everyday objects II E2G
Position	<ol style="list-style-type: none">1. Inside and outside DHH2. Left, middle, and right QC53. Top, middle, and bottom 2XE4. Above and below 9DZ5. Beside and next to 5JY
Shape patterns	<ol style="list-style-type: none">1. Find the next shape in a pattern EVU2. Complete a pattern VY7

Chapter 6

Numbers to 20

Textbook section

Numbers up to 20

IXL skills

1. Count to 20 2JV
2. Count on ten frames - up to 20 FTY
3. Show numbers on ten frames - up to 20 HZM
4. Count forward - up to 20 VXC

Chapter 7

Addition

Textbook section	IXL skills
Addition stories	<ol style="list-style-type: none">1. Add with pictures - sums up to 10 KM72. Add with cubes - sums up to 10 VKN3. Addition sentences up to 10: what does the model show? WTT4. Addition word problems with pictures - sums up to 10 7VF
Add within 5	<ol style="list-style-type: none">1. Add two numbers - sums up to 5 ZCP2. Complete the addition sentence - sums up to 5 UD8 <p><i>Also consider</i></p> <ul style="list-style-type: none">• Make a number using addition - sums up to 5 B2L
Add within 10	<ol style="list-style-type: none">1. Put together cubes - sums up to 10 EFK <ul style="list-style-type: none">• <i>Coming soon:</i> Decompose numbers up to 10 - complete the sentence
Addition sentences	<ol style="list-style-type: none">1. Make teen numbers: words 7X22. Take apart teen numbers: words G8R

Chapter 8

Subtraction

Textbook section	IXL skills
Subtraction stories	<ol style="list-style-type: none">1. Subtract with pictures - numbers up to 10 5KG2. Subtract with cubes - numbers up to 10 XZN3. Subtraction sentences up to 10: which model matches? UFH4. Subtraction word problems with pictures - numbers up to 10 E6T
Subtract within 5	<ol style="list-style-type: none">1. Subtract - numbers up to 5 NQM2. Complete the subtraction sentence - numbers up to 5 HAB <p><i>Also consider</i></p> <ul style="list-style-type: none">• Make a number using subtraction - numbers up to 5 9VN
Subtract within 10	<ol style="list-style-type: none">1. Take away cubes - numbers up to 10 X5K

Chapter 9

Numbers to 100

Textbook section

IXL skills

Numbers up to 50

1. Count blocks - up to 30 BD5
2. Number lines - up to 30 7KQ
3. Put numbers up to 30 in order DPE
4. Count on ten frames - up to 40 WBY
5. Count blocks - up to 50 DXN

Numbers up to 100

1. Count blocks - up to 100 ZKS
2. Count to 100 9PV
3. Complete a sequence - up to 100 MD9

Chapter 10

Sorting

Textbook section	IXL skills
Same and different	<ol style="list-style-type: none">1. Same H8J2. Different 8U43. Same and different 6XZ
Classifying and sorting	<ol style="list-style-type: none">1. Classify and sort by shape HF62. Classify and sort by color FGM3. Classify and sort KGY <p><i>Also consider</i></p> <ul style="list-style-type: none">• Classify, sort, and count H8H• Count shapes in a Venn diagram NFL