



IXL Skill Alignment

Kindergarten alignment for Into Math



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Unit 1

Count Sequence and Numbers to 5

Module 1: Represent Numbers to 5 with Objects

Textbook section	IXL skills
Learn to count up to 3	<ol style="list-style-type: none"> 1. Learn to count to 3 VPL 2. Count pictures - up to 3 XZY 3. Count on ten frames - up to 3 HV8
Represent numbers to 3	<ol style="list-style-type: none"> 1. Show numbers on ten frames - up to 3 HAZ 2. Count using stickers - up to 3 7A3
Learn to count up to 5	<ol style="list-style-type: none"> 1. Learn to count to 5 94J 2. Count pictures - up to 5 EAM 3. Count on ten frames - up to 5 QJR 4. Count cubes - up to 5 U9J
Represent numbers up to 5	<ol style="list-style-type: none"> 1. Show numbers on ten frames - up to 5 WSY 2. Count using stickers - up to 5 BRM 3. Show numbers with cubes - up to 5 XKB
Count with 0	<ol style="list-style-type: none"> 1. Count dots - 0 to 5 KNS
Make 5	<ol style="list-style-type: none"> 1. Take apart 5: words RFD

Module 2: Represent Numbers to 5 with a Written Numeral

Textbook section	IXL skills
Count numbers up to 3	<ol style="list-style-type: none"> 1. Represent numbers with pictures - up to 3 S66 2. Represent numbers with shapes - up to 3 BS9 <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Identify numbers - up to 3 FSH • Count shapes - up to 3 KD6

Count numbers up to 5

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

Also consider

- Identify numbers - up to 5 GZJ
- Count scattered shapes - up to 5 HX8

Order numbers up to 5

1. Put numbers up to 5 in order QR7

Module 3: Matching and Counting Numbers to 5

Textbook section

IXL skills

Compare groups by matching

1. More - compare by matching up to 5 T6Z
2. Fewer - compare by matching up to 5 ZH8
3. Fewer and more - compare by matching up to 5 8DT
4. Are these the same number? AQS
5. Fewer, more, and same - up to 5 EW8

Compare groups by counting

1. More - compare by counting up to 5 2HY
2. Fewer - compare by counting up to 5 7QL
3. Fewer and more - compare by counting up to 5 5FC

One more and one less

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

Compare numbers up to 5

1. Compare two numbers - up to 5 5YK
2. Greater than or less than - up to 5 ZAQ

Also consider

- Greater than, less than, or equal to - up to 5 NVU

Module 4: Classify, Count, and Sort Objects

Textbook section	IXL skills
Same and different	<ol style="list-style-type: none"> 1. Different 8U4 2. Same H8J 3. Same and different 6XZ
Classify, sort, and count	<ol style="list-style-type: none"> 1. Classify and sort by color VUU 2. Classify and sort by shape 9UK 3. Classify, sort, and count H8H <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Classify shapes by color 8JL

Module 5: Add To and Take From Within 5

Textbook section	IXL skills
Add to up to 5	<ol style="list-style-type: none"> 1. Add with pictures - sums up to 5 LZY 2. Addition word problems with pictures - sums up to 5 W5C
Take from up to 5	<ol style="list-style-type: none"> 1. Take away cubes - numbers up to 5 RZA 2. Subtract with cubes - numbers up to 5 CSA 3. Subtract with pictures - numbers up to 5 FSM 4. Subtraction sentences up to 5: what does the model show? ZMB 5. Subtraction sentences up to 5: which model matches? B55 6. Subtraction word problems with pictures - numbers up to 5 LWF

Module 6: Put Together and Take Apart Within 5

Textbook section	IXL skills
Put together up to 5	<ol style="list-style-type: none"> 1. Put together cubes - sums up to 5 EBP 2. Add with cubes - sums up to 5 RHY 3. Take apart numbers up to 5: addition sentences 9E2

4. Addition sentences up to 5: what does the model show? FNF
5. Addition sentences up to 5: which model matches? 6RS

Add numbers up to 5

1. Add two numbers - sums up to 5 YAX
2. Make a number using addition - sums up to 5 B2L
3. Complete the addition sentence - sums up to 5 JRS
4. Addition word problems - sums up to 5 QDH

Subtract numbers up to 5

1. Subtract - numbers up to 5 6R6
2. Make a number using subtraction - numbers up to 5 9VN
3. Complete the subtraction sentence - numbers up to 5 CEK
4. Subtraction word problems - numbers up to 5 63S

Also consider

- Add or subtract - numbers up to 5 C6F

Unit 2

Count Sequence and Numbers to 10

Module 7: Represent Numbers 6 to 10 with Objects

Textbook section	IXL skills
Learn to count up to 7	<ol style="list-style-type: none"> 1. Count on ten frames - up to 7 KTS 2. Count cubes - up to 7 72V
Represent numbers up to 7	<ol style="list-style-type: none"> 1. Show numbers on ten frames - up to 7 DBE 2. Show numbers with cubes - up to 7 H5D
Learn to count up to 9	<ol style="list-style-type: none"> 1. Count on ten frames - up to 9 K9R 2. Count cubes - up to 9 DNS
Represent numbers up to 9	<ol style="list-style-type: none"> 1. Show numbers on ten frames - up to 9 THF 2. Show numbers with cubes - up to 9 V2C
Learn to count up to 10	<ol style="list-style-type: none"> 1. Learn to count to 10 SLE 2. Count pictures - up to 10 WVJ 3. Count on ten frames - up to 10 QQQ 4. Count cubes - up to 10 Q47
Represent numbers up to 10	<ol style="list-style-type: none"> 1. Show numbers on ten frames - up to 10 TGW 2. Count using stickers - up to 10 VNE 3. Show numbers with cubes - up to 10 BPS

Module 8: Represent Numbers 6 to 10 with a Written Numeral

Textbook section	IXL skills
Count numbers up to 7	<ol style="list-style-type: none"> 1. Represent numbers - up to 7 S2Q 2. Count shapes in rings - up to 7 ZGU
Count numbers up to 9	<ol style="list-style-type: none"> 1. Represent numbers - up to 9 F2X 2. Count shapes in rings - up to 9 BFJ

Count numbers up to 10

1. Represent numbers - up to 10 UJH
2. Count shapes in rows - up to 10 R69
3. Count scattered shapes - up to 10 F7B

Also consider

- Identify numbers - up to 10 Z7T
- Count dots - up to 10 WNL

Count and order numbers up to 10

1. Count forward - up to 10 MFP
2. Put numbers up to 10 in order GKC

Also consider

- Complete a sequence - up to 10 5A2

Module 9: Use the Count Sequence to Count to 100

Textbook section

IXL skills

Count to 100 by ones

1. Counting on the hundred chart LGT
2. Complete a sequence - up to 100 MD9

Also consider

- Count to 100 9PV

Count to 100 by tens

1. Learn to skip-count by tens 5RK
2. Skip-count by tens W6M
3. Sequences - count by tens up to 100 XXB

Also consider

- Count groups of ten 6J5
- Hundreds chart - one or ten more or less F6W

Count forward

1. Count forward - up to 30 WPL
2. Count forward - up to 100 ZA6

Module 10: Compare Numbers to 10

Textbook section	IXL skills
Compare groups by matching	<ol style="list-style-type: none"> 1. More - compare by matching 8YK 2. Fewer - compare by matching R5E 3. Fewer and more - compare by matching 7YV 4. Fewer, more, and same FLW
Compare groups by counting	<ol style="list-style-type: none"> 1. More - compare by counting VCU 2. Fewer - compare by counting E9M 3. Fewer and more - compare by counting Y2E <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Fewer and more - compare in a mixed group 7MY
Compare numbers up to 10	<ol style="list-style-type: none"> 1. Compare two numbers - up to 10 Z62 2. Greater than or less than YAF <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Greater than, less than, or equal to 9EG

Module 11: Add To and Take From Within 10

Textbook section	IXL skills
Add to up to 10	<ol style="list-style-type: none"> 1. Add with pictures - sums up to 10 KM7 2. Addition word problems with pictures - sums up to 10 7VF <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Addition word problems - sums up to 10 KUH
Take from up to 10	<ol style="list-style-type: none"> 1. Subtract with pictures - numbers up to 10 5KG 2. Subtract with cubes - numbers up to 10 XZN 3. Subtraction sentences up to 10: what does the model show? A9U 4. Subtraction sentences up to 10: which model matches? UFH 5. Subtraction word problems with pictures - numbers up to 10 E6T

6. Subtraction word problems - numbers up to 10 QBY

Also consider

- Take away cubes - numbers up to 10 X5K
- Subtract - numbers up to 10 X6Y

Addition and subtraction

1. Addition and subtraction word problems with pictures XXR
2. Addition and subtraction word problems X42

Also consider

- Add or subtract - numbers up to 10 6SR

Module 12: Put Together and Take Apart Within 10

Textbook section	IXL skills
Put together up to 10	<ol style="list-style-type: none"> 1. Add with cubes - sums up to 10 VKN 2. Take apart numbers up to 10: addition sentences C7R 3. Addition sentences up to 10: what does the model show? WTT 4. Addition sentences up to 10: which model matches? GBZ <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Put together cubes - sums up to 10 EFK

Module 13: Ways to Make Numbers to 10

Textbook section	IXL skills
Make a number up to 10	<ol style="list-style-type: none"> 1. Make a number using addition - sums up to 10 QJS 2. Ways to make a number - addition sentences up to 10 UKN <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Decompose a number up to 10 BGU • Complete the addition sentence - sums up to 10 SAF

Make 10

1. Count to fill a ten frame 2U3
 2. Complete the addition sentence - make 10 CB8
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Unit 3

Geometry

Module 14: Analyze and Compare Three-Dimensional Shapes

Textbook section	IXL skills
Identify three-dimensional shapes	<ol style="list-style-type: none">1. Spheres WHV2. Cubes FS73. Cylinders HNK4. Cones CFP5. Name the three-dimensional shape 2FZ6. Select three-dimensional shapes QAV <p><i>Also consider</i></p> <ul style="list-style-type: none">• Shapes of everyday objects I ZRS• Shapes of everyday objects II E2G

Module 15: Describe Positions of Objects

Textbook section	IXL skills
Positions of objects	<ol style="list-style-type: none">1. Above and below - find solid figures 5YQ2. Beside and next to - find solid figures YYL <p><i>Also consider</i></p> <ul style="list-style-type: none">• Above and below 9DZ• Beside and next to 5JY

Module 16: Analyze and Compare Two-Dimensional Shapes

Textbook section	IXL skills
Identify two-dimensional shapes	<ol style="list-style-type: none">1. Circles ASA2. Squares 2WP3. Triangles N6Y4. Rectangles SLM5. Hexagons ZQE

Also consider

- Name the two-dimensional shape MCW
- Select two-dimensional shapes QRY

Analyze and build two-dimensional shapes

1. Curved parts A6B
2. Equal sides T54
3. Count sides and vertices AKT
4. Compose two-dimensional shapes ZXE

Also consider

- Count sides VUD
- Count vertices 9JJ

Compare two-dimensional and three-dimensional shapes

1. Flat and solid shapes 4X6
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Unit 4

Numbers and Operations in Base Ten

Module 17: Place Value Foundations: Represent Numbers to 20

Textbook section	IXL skills
Count tens and ones up to 19	1. Count tens and ones - 11 to 19 RNB <i>Also consider</i> <ul style="list-style-type: none"> Write tens and ones - 10 to 19 DUJ
Represent numbers to 20	1. Show numbers on ten frames - numbers 11 to 20 26E

Module 18: Place Value Foundations: Represent Numbers to 20 with a Written Numeral

Textbook section	IXL skills
Make teen numbers	1. Make teen numbers: addition sentences HZS <i>Also consider</i> <ul style="list-style-type: none"> Take apart teen numbers: addition sentences 7ML
Count up to 20	1. Count to 20 2JV 2. Represent numbers - up to 20 HTQ 3. Count on ten frames - up to 20 FTY

Unit 5

Measurement

Module 19: Length and Height

Textbook section	IXL skills
Compare length and height	<ol style="list-style-type: none">1. Long and short DGP2. Tall and short 9KJ

Module 20: Weight

Textbook section	IXL skills
Compare weight	<ol style="list-style-type: none">1. Light and heavy WWN
Compare measurable attributes	<ol style="list-style-type: none">1. Compare length, height, and weight SYB <p><i>Also consider</i></p> <ul style="list-style-type: none">• Wide and narrow 5Q4• Holds more or less 9KH