



IXL Skill Alignment

Grade 1 alignment for Into Math



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Unit 1

Ways to Add and Subtract

Module 1: Addition Strategies

Textbook section	IXL skills
Lesson 1: Represent Addition	<ol style="list-style-type: none"> 1. Add with cubes - sums up to 10 E8D 2. Add with pictures - sums up to 10 H6S 3. Addition sentences up to 10: which model matches? E5U 4. Addition word problems with pictures - sums up to 10 F6L <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Turn words into an addition sentence - sums up to 10 5YU
Lesson 2: Count On	<ol style="list-style-type: none"> 1. Addition sentences using number lines - sums up to 10 UWW
Lesson 3: Add 10 and More	<ol style="list-style-type: none"> 1. Make teen numbers: addition sentences CMH
Lesson 4: Make a 10 to Add	<ol style="list-style-type: none"> 1. Make ten to add RNZ <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Complete the addition sentence - make ten 5MN • Adding 8 LTE • Adding 9 H8F
Lesson 5: Add Doubles	<ol style="list-style-type: none"> 1. Add doubles - with models HRW 2. Add doubles DFT <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Add doubles - complete the sentence TAZ
Lesson 6: Use Known Sums to Add	<ol style="list-style-type: none"> 1. Add using doubles plus one XAY <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Add using doubles minus one FRN

Lesson 7: Choose a Strategy to Add

1. Addition sentences for word problems - sums up to 20 N5N

Also consider

- Addition word problems - sums up to 10 P6D
- Addition facts without zero - sums up to 10 RUF

Module 2: Subtraction Strategies**Textbook section****IXL skills****Lesson 1: Represent Subtraction**

1. Subtract with cubes - up to 10 5JT
2. Subtract with pictures - up to 10 Y2Z
3. Subtraction sentences up to 10: which model matches? MGG
4. Subtraction word problems with pictures - up to 10 GA9

Also consider

- Turn words into a subtraction sentence - up to 10 ZJA

Lesson 2: Count Back

1. Subtraction sentences using number lines - up to 10 LRN

Also consider

- Subtract zero and all PEQ

Lesson 3: Count On to Subtract

1. Subtract within 10 Q49

Lesson 4: Add to Subtract

1. Subtract using a related addition fact YWW

Lesson 5: Use 10 to Subtract

1. Count to fill a ten frame 6CB

Lesson 6: Choose a Strategy to Subtract

1. Subtraction word problems - up to 20 9Q9

Module 3: Properties of Operations

Textbook section	IXL skills
Lesson 1: Represent Addition in Any Order	1. Related addition facts Y8Y <i>Also consider</i> <ul style="list-style-type: none"> Which sign makes the number sentence true? 7JY
Lesson 2: Add in Any Order	1. Addition facts - sums up to 18 YXB
Lesson 3: Represent Addition of 3 Numbers	1. Add three numbers - sums less than 10 PSX
Lesson 4: Add 3 Numbers	1. Add three numbers - use doubles 2K8 2. Add three numbers - make ten 8B2 3. Add three numbers RL2
Lesson 5: Add 3 Numbers to Solve Problems	1. Add three numbers - word problems Z7S
Lesson 6: Determine Equal and Not Equal	1. Addition and subtraction sentences up to 10: which is true? QC6 2. Balance addition and subtraction equations - up to 10 ULS <i>Also consider</i> <ul style="list-style-type: none"> Addition and subtraction - ways to make a number Q8E
Lesson 7: Develop Fluency in Addition	1. Addition facts - sums up to 10 WUL <i>Also consider</i> <ul style="list-style-type: none"> Make a number using addition - sums up to 10 VSE

Module 4: Apply the Addition and Subtraction Relationship

Textbook section	IXL skills
Lesson 1: Think Addition to Subtract	1. Subtract using a related addition fact - up to 10 TBD 2. Complete the addition sentence - sums up to 10 N2N

Lesson 2: Represent Related Facts

1. Fact families - up to 10 2FC

Also consider

- Related addition and subtraction facts VKS

Lesson 3: Identify Related Facts

1. Fact families - up to 20 Q7Y

Lesson 4: Use Addition to Check Subtraction

1. Complete the addition sentence - sums up to 20 5BP

Lesson 5: Use Subtraction to Find an Unknown Addend

1. Relate addition and subtraction sentences DM2

Lesson 6: Solve for the Unknown Addend

1. Subtraction sentences for word problems - up to 20 LJA

Lesson 7: Develop Fluency in Subtraction

1. Subtraction facts - up to 10 EQK
2. Ways to subtract from a number - subtraction sentences up to 10 ZZD

Also consider

- Make a number using subtraction - up to 10 RSR
- Ways to make a number - subtraction sentences up to 10 BTD
- Addition and subtraction facts - up to 10 V7A

Unit 2

Addition and Subtraction Situations and Data

Module 5: Understand Add To and Take From Problems

Textbook section	IXL skills
Lesson 1: Represent Result Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. Result unknown word problems - up to 10 GTG 2. Addition sentences for word problems - sums up to 10 ZE8 3. Subtraction sentences for word problems - up to 10 R2J
Lesson 2: Represent Change Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. Addition sentences up to 10: what does the model show? F9B 2. Subtraction sentences up to 10: what does the model show? 2AY
Lesson 3: Represent Start Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. Complete the addition sentence - sums up to 10 VYU
Lesson 4: Solve Add To and Take From Problems	<ol style="list-style-type: none"> 1. Addition and subtraction sentences for word problems - up to 10 M6F <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Addition and subtraction word problems with pictures - up to 10 CJ9

Module 6: Understand Put Together and Take Apart Problems

Textbook section	IXL skills
Lesson 1: Represent Total Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. "Put together" word problems with result unknown - up to 10 MF9 2. Addition word problems - sums up to 20 KY5
Lesson 2: Represent Both Addends Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. Make a number using addition - sums up to 20 UMX
Lesson 3: Represent Addend Unknown Problems with Objects and Drawings	<ol style="list-style-type: none"> 1. Complete the addition sentence - sums 10 to 20 PW5

Lesson 4: Represent Total Unknown Problems with a Visual Model

1. Subtraction word problems - up to 18 PMJ

Lesson 5: Represent Addend Unknown and Both Addends Unknown Problems with a Visual Model

1. Decompose a number up to 10 XD9

Lesson 6: Solve Put Together and Take Apart Problems

1. Addition and subtraction word problems - up to 10 DWE

Lesson 7: Solve Addition and Subtraction Problems

1. Word problems involving addition and subtraction - up to 20 VJR

Module 7: Understand Compare Problems

Textbook section

IXL skills

Lesson 1: Represent Difference Unknown Problems with Objects and Drawings

1. Interpret picture graphs with 2 categories QNZ

Lesson 2: Represent Bigger Unknown Problems with Objects and Drawings

Lesson 3: Represent Smaller Unknown Problems with Objects and Drawings

1. Complete the subtraction sentence - up to 20 ZSR

Lesson 4: Represent Difference Unknown Problems with a Visual Model

Lesson 5: Represent Bigger Unknown and Smaller Unknown Problems with a Visual Model

Lesson 6: Use Strategies to Solve Compare Problems

1. Complete the addition or subtraction sentence - up to 20 YKL

Lesson 7: Solve Addition and Subtraction Situations

1. Addition and subtraction sentences for word problems - up to 20 VJ2

Module 8: Data

Textbook section	IXL skills
Lesson 1: Interpret Picture Graphs	1. Interpret picture graphs GFA <i>Also consider</i> • Classify and sort by shape or color 93M
Lesson 2: Represent Data with Picture Graphs	1. Which picture graph is correct? WZF
Lesson 3: Interpret Tally Charts	1. Interpret tally charts LBV <i>Also consider</i> • Tally marks - up to 20 AQR
Lesson 4: Represent Data with Tally Charts	1. Which tally chart is correct? XRL
Lesson 5: Interpret Bar Graphs	1. Interpret bar graphs I 9US 2. Interpret bar graphs II SW5
Lesson 6: Represent Data with Bar Graphs	1. Which bar graph is correct? 83F
Lesson 7: Use Data to Solve Problems	1. Which table is correct? CSH 2. Interpret data in tables KGS

Unit 3

Numbers to 120

Module 9: Understand Place Value

Textbook section	IXL skills
Lesson 1: Make Tens and Ones	1. Counting tens and ones - up to 20 GU6 <i>Also consider</i> <ul style="list-style-type: none"> Place value models up to 20 YPB
Lesson 2: Understand Ten and Ones	1. Write numbers as tens and ones up to 20 5HL 2. Make and take apart teen numbers: addition sentences WE2
Lesson 3: Make Tens	1. Skip-counting by tens N89 <i>Also consider</i> <ul style="list-style-type: none"> Convert between tens and ones - multiples of 10 VH7

Module 10: Count and Represent Numbers

Textbook section	IXL skills
Lesson 1: Count to 120	1. Counting forward - up to 120 VZR 2. Counting on the hundred chart XUD 3. Hundred chart 64Q
Lesson 2: Represent Numbers as Tens and Ones with Objects	1. Place value models up to 100 5CG
Lesson 3: Represent Numbers as Tens and Ones with Drawings	1. Counting tens and ones - up to 99 EAN <i>Also consider</i> <ul style="list-style-type: none"> Write numbers as tens and ones 7WF
Lesson 4: Decompose Numbers in Different Ways	1. Regroup tens and ones - ways to make a number FCJ

Lesson 5: Represent, Read, and Write Numbers from 100 to 110

Lesson 6: Represent, Read, and Write Numbers from 110 to 120

1. Skip-counting by tens - up to 120 FVW
2. Sequences up to 120 - count up by 10 89S
3. Sequences - count up by 1 QMP

Also consider

- Writing numbers in words - convert words to digits Y85
- Writing numbers in words - convert digits to words YVK

Module 11: Compare Numbers

Textbook section	IXL skills
Lesson 1: Understand Greater Than	<ol style="list-style-type: none"> 1. Place value word problems NAC <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Compare numbers up to 10 using words 2PE
Lesson 2: Understand Less Than	<ol style="list-style-type: none"> 1. Compare numbers up to 100 using words BWC
Lesson 3: Use Symbols to Compare	<ol style="list-style-type: none"> 1. Compare numbers up to 100 using symbols FU5
Lesson 4: Compare Numbers	<ol style="list-style-type: none"> 1. Compare numbers up to 100: word problems C7Q <p><i>Also consider</i></p> <ul style="list-style-type: none"> • Guess the number KFY

Unit 4

Addition and Subtraction in Base Ten

Module 12: Understand Addition and Subtraction in Base Ten

Textbook section	IXL skills
Lesson 1: Represent Adding Tens	1. Add two multiples of ten EMK
Lesson 2: Represent Subtracting Tens	1. Subtract tens 2VY
Lesson 3: Add or Subtract Tens	1. Add and subtract two multiples of ten EA6
Lesson 4: Use a Hundred Chart to Add	1. Add a one-digit number to a two-digit number - without regrouping 5VX 2. Add a multiple of ten and a two-digit number LNL <i>Also consider</i> <ul style="list-style-type: none"> Add a multiple of ten and a one-digit number DZN
Lesson 5: Represent Addition with Tens and Ones	1. Use models to add a multiple of ten and a two-digit number CSV 2. Use models to add a two-digit and a one-digit number - without regrouping MUX <i>Also consider</i> <ul style="list-style-type: none"> Use models to add a multiple of ten and a one-digit number FKG
Lesson 6: Represent Make Ten to Add	1. Use models to add a two-digit and a one-digit number - with regrouping 8RL 2. Add a one-digit number to a two-digit number - with regrouping BF6 3. Regroup tens and ones EWN
Lesson 7: Represent Make Ten to Add with a Visual Model	1. Addition word problems - one-digit plus two-digit numbers 88Q 2. Addition sentences for word problems - one-digit plus two-digit numbers 5LZ

Lesson 8: Use Mental Math to Find 10 Less and 10 More

1. Hundred chart - ten more or less QWW
2. Ten more or less CLA

Module 13: Two-Digit Addition and Subtraction

Textbook section

IXL skills

Lesson 1: Use a Hundred Chart to Show Two-Digit Addition and Subtraction

1. Add and subtract tens J6G

Lesson 2: Understand and Explain Place Value Addition

1. Use models to add two-digit numbers - without regrouping GJJ
2. Add two-digit numbers without regrouping - sums to 100 VZW
3. Use models to add two-digit numbers - with regrouping CDU
4. Add two-digit numbers with regrouping - sums to 100 QHX

Lesson 3: Understand and Explain Place Value Subtraction

1. Subtract multiples of 10 9DD

Also consider

- Subtract a multiple of 10 PYR

Lesson 4: Solve Two-Digit Addition and Subtraction Problems

1. Solve two-digit addition and subtraction problems WMU

Lesson 5: Practice Facts to 20

1. Addition facts - sums up to 20 6TM
2. Subtraction facts - up to 20 PV5
3. Addition and subtraction facts - up to 20 C78

Lesson 6: Practice Two-Digit Addition and Subtraction

1. Addition and subtraction word problems 8H4

Also consider

- Addition word problems - up to two digits T9S

Unit 5

Geometry

Module 14: Three-Dimensional Shapes

Textbook section	IXL skills
Lesson 1: Describe and Draw Three-Dimensional Shapes	<ol style="list-style-type: none"> Name the three-dimensional shape 26D Cubes and rectangular prisms 7HG Select three-dimensional shapes J8A <p><i>Also consider</i></p> <ul style="list-style-type: none"> Identify shapes traced from solids NXF
Lesson 2: Compose Three-Dimensional Shapes	<ol style="list-style-type: none"> Shapes of everyday objects I ZCN Shapes of everyday objects II LFC
Lesson 3: Make New Three-Dimensional Shapes	<ol style="list-style-type: none"> Count vertices, edges, and faces Z42

Module 15: Two-Dimensional Shapes

Textbook section	IXL skills
Lesson 1: Sort Two-Dimensional Shapes by Attribute	<ol style="list-style-type: none"> Select two-dimensional shapes HV6 <p><i>Also consider</i></p> <ul style="list-style-type: none"> Name the two-dimensional shape MRF Sort shapes into a Venn diagram C8D
Lesson 2: Describe and Draw Two-Dimensional Shapes	<ol style="list-style-type: none"> Count sides and corners VUQ Square corners YSG Open and closed shapes DBN <p><i>Also consider</i></p> <ul style="list-style-type: none"> Identify faces of three-dimensional shapes RPX
Lesson 3: Compose Two-Dimensional Shapes	<ol style="list-style-type: none"> Compose two-dimensional shapes using up to 4 smaller shapes DCS
Lesson 4: Identify Composed Shapes	<ol style="list-style-type: none"> Compose two-dimensional shapes YEU

Lesson 5: Make New Two-Dimensional Shapes

Module 16: Fraction Foundations

Textbook section	IXL skills
Lesson 1: Take Apart Two-Dimensional Shapes	1. Same and different CAL
Lesson 2: Identify Equal or Unequal Shares	1. Equal parts - halves and fourths HVX
Lesson 3: Partition Shapes into Halves	1. Identify halves UFC 2. Make halves GF9
Lesson 4: Partition Shapes into Fourths	1. Identify fourths TP9 2. Make fourths ALQ <i>Also consider</i> <ul style="list-style-type: none"> • Identify halves and fourths WVL • Make halves and fourths X5A • Make halves and fourths in different ways YJR

Unit 6

Measurement

Module 17: Measure Length

Textbook section	IXL skills
Lesson 1: Order Length	1. Compare objects: length and height D7U <i>Also consider</i> <ul style="list-style-type: none"> Long and short EQC
Lesson 2: Use Indirect Measurement to Compare Length	
Lesson 3: Use Nonstandard Units to Measure Length	1. Measure length with objects GWG
Lesson 4: Make a Nonstandard Measuring Tool	1. Measure length with cubes FBV <i>Also consider</i> <ul style="list-style-type: none"> Measure height with cubes BLM

Module 18: Measure Time

Textbook section	IXL skills
Lesson 1: Understand Time to the Hour	1. Match analog clocks and times: to the hour S75 2. Match analog and digital clocks: to the hour 7B8 <i>Also consider</i> <ul style="list-style-type: none"> Read clocks and write times: to the hour 63H
Lesson 2: Understand Time to the Half Hour	
Lesson 3: Tell Time to the Hour and Half Hour	1. Match analog clocks and times 5FJ 2. Match analog and digital clocks 7N3 3. Compare clocks VRW <i>Also consider</i> <ul style="list-style-type: none"> Match digital clocks and times KKM

Lesson 4: Practice Time to the Hour and Half Hour

1. Read clocks and write times UJM

Also consider

- Time and clocks: word problems NPR
-