



# IXL Skill Plan for the NWEA<sup>®</sup> MAP<sup>™</sup> Growth Math grades K-2



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# Operations and Algebraic Thinking

## RIT Score: Less than 148

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Add two numbers - sums up to 5 YAX</li> <li>2. Add with pictures - sums up to 10 KM7</li> <li>3. Addition sentences up to 10: which model matches? GBZ</li> <li>4. Subtract - numbers up to 5 6R6</li> <li>5. Subtract with pictures - numbers up to 10 5KG</li> <li>6. Subtraction sentences up to 10: which model matches? UFH</li> </ol>

## RIT Score: 148-160

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Add two numbers - sums up to 10 TCB</li> <li>2. Make a number using addition - sums up to 10 QJS</li> <li>3. Turn words into an addition sentence - sums up to 10 P5F</li> <li>4. Addition word problems - sums up to 10 KUH</li> <li>5. Subtract - numbers up to 10 X6Y</li> <li>6. Make a number using subtraction - numbers up to 10 WQ5</li> <li>7. Turn words into a subtraction sentence - numbers up to 10 9GF</li> <li>8. Subtraction word problems - numbers up to 10 QBY</li> </ol>
Properties of Operations	<ol style="list-style-type: none"> <li>1. Complete the addition sentence - make 10 CB8</li> <li>2. Complete the addition sentence - sums up to 10 SAF</li> <li>3. Complete the subtraction sentence - numbers up to 10 YL7</li> </ol>

## RIT Score: 161-169

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Adding 1 HRU</li> <li>2. Adding 2 5ZD</li> <li>3. Adding 3 YJB</li> <li>4. Adding 4 5T3</li> <li>5. Adding 5 ZPK</li> <li>6. Adding 6 RGF</li> <li>7. Adding 7 BVK</li> <li>8. Adding 8 LTE</li> <li>9. Adding 9 H8F</li> <li>10. Adding 0 UFN</li> <li>11. Addition facts - sums up to 10 WUL</li> <li>12. Make a number using addition - sums up to 10 VSE</li> <li>13. Addition word problems - sums up to 10 P6D</li> <li>14. Addition sentences for word problems - sums up to 10 ZE8</li> <li>15. Add doubles - with models HRW</li> <li>16. Add doubles DFT</li> <li>17. Subtract zero and all PEQ</li> <li>18. Subtracting 1 HAQ</li> <li>19. Subtracting 2 FP5</li> <li>20. Subtracting 3 APQ</li> <li>21. Subtracting 4 7E7</li> <li>22. Subtracting 5 U7E</li> <li>23. Subtracting 6 2S3</li> <li>24. Subtracting 7 62E</li> <li>25. Subtracting 8 WMY</li> <li>26. Subtracting 9 YYK</li> <li>27. Subtracting 0 8DN</li> <li>28. Subtraction facts - up to 10 EQK</li> <li>29. Subtraction word problems - up to 10 7NL</li> <li>30. Subtraction sentences for word problems - up to 10 R2J</li> </ol>

31. Subtract doubles LHZ
32. Addition and subtraction facts - up to 10 V7A

### Properties of Operations

1. Addition sentences using number lines - sums up to 10 UWW
2. Complete the addition sentence - sums up to 10 N2N
3. Related addition facts Y8Y
4. Complete the addition sentence - make ten 5MN
5. Subtraction sentences using number lines - up to 10 LRN
6. Related subtraction facts XZB
7. Relate addition and subtraction sentences DM2

## RIT Score: 170-178

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Ways to make a number - addition sentences up to 10 K48</li> <li>2. Addition sentences using number lines - sums up to 20 LXW</li> <li>3. Addition facts - sums up to 20 6TM</li> <li>4. Make a number using addition - sums up to 20 UMX</li> <li>5. Addition word problems - sums up to 20 KY5</li> <li>6. Addition sentences for word problems - sums up to 20 N5N</li> <li>7. Addition sentences: true or false? AMQ</li> <li>8. Addition sentences for word problems - one-digit plus two-digit numbers 5LZ</li> <li>9. Add three numbers - word problems Z7S</li> <li>10. Make a number using subtraction - up to 10 RSR</li> <li>11. Ways to make a number - subtraction sentences up to 10 BTD</li> <li>12. Ways to subtract from a number - subtraction sentences up to 10 ZZD</li> <li>13. Subtraction sentences using number lines - up to 20 MMS</li> <li>14. Subtraction facts - up to 20 PV5</li> </ol>

15. Make a number using subtraction - up to 20 JJS
16. Subtraction word problems - up to 20 9Q9
17. Subtraction sentences for word problems - up to 20 LJA
18. Subtraction sentences: true or false? XRG
19. Addition and subtraction - ways to make a number Q8E
20. Addition and subtraction facts - up to 20 C78
21. Addition and subtraction word problems - up to 20 VJR

Properties of Operations

1. Add using doubles plus one XAY
2. Add using doubles minus one FRN
3. Add three numbers - make ten 8B2
4. Add three numbers RL2
5. Fact families WD2

**RIT Score: 179-185**

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Addition word problems - up to two digits XAT</li> <li>2. Write the addition sentence - up to two digits 5FM</li> <li>3. Subtraction word problems - up to two digits UFU</li> <li>4. Write the subtraction sentence - up to two digits ZQH</li> </ol>
Properties of Operations	<ol style="list-style-type: none"> <li>1. Even or odd 54Z</li> <li>2. Add doubles - complete the sentence S46</li> </ol>

**RIT Score: 186-191**

Standard	IXL skills
Represent and Solve Problems	<ol style="list-style-type: none"> <li>1. Identify repeated addition in arrays: sums to 25 EUS</li> <li>2. Write addition sentences for arrays: sums to 25 W8T</li> </ol>

3. Add three numbers up to two digits each: word problems 52T
4. Add four numbers up to two digits each: word problems YSX
5. Complete the addition sentence - up to three digits R5W
6. Complete the subtraction sentence - up to three digits MDY
7. Addition and subtraction word problems - up to 100 MEP

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## Properties of Operations

1. Related addition facts YDX
  2. Related subtraction facts P6Y
  3. Fact families NSN
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# Numbers and Operations

**RIT Score: Less than 148**

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>Count up - up to 10 BEC</li> <li>Count forward - up to 10 MFP</li> <li>Complete a sequence - up to 10 5A2</li> <li>Count dots - 0 to 20 7T4</li> <li>Count on ten frames - up to 20 FTY</li> <li>Represent numbers - up to 20 HTQ</li> <li>Count up - up to 20 KYB</li> <li>Count forward - up to 20 VXC</li> <li>Fewer and more - compare by counting Y2E</li> <li>Fewer and more - compare in a mixed group 7MY</li> <li>Fewer, more, and same FLW</li> <li>Compare two numbers - up to 10 Z62</li> </ol>
Numbers and Operations: Base Ten and Fractions	<ol style="list-style-type: none"> <li>Count tens and ones - up to 20 JLP</li> </ol>

**RIT Score: 148-160**

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>Count to 100 9PV</li> <li>Skip-count by tens W6M</li> <li>Fewer and more - compare in a mixed group 7MY</li> </ol>
Numbers and Operations: Base Ten and Fractions	<ol style="list-style-type: none"> <li>Write tens and ones - up to 20 FVP</li> </ol>

## RIT Score: 161-169

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>Counting review - up to 20 QRF</li> <li>Counting tens and ones - up to 20 GU6</li> <li>Count on ten frames - up to 40 WTZ</li> <li>Counting - up to 100 SUW</li> <li>Counting tens and ones - up to 99 EAN</li> <li>Counting on the hundred chart XUD</li> <li>Hundred chart 64Q</li> <li>Writing numbers in words - convert words to digits Y85</li> </ol>
Numbers and Operations: Base Ten and Fractions	<ol style="list-style-type: none"> <li>Add a one-digit number to a two-digit number - without regrouping 5VX</li> <li>Regroup tens and ones - ways to make a number FCJ</li> <li>Regroup tens and ones EWN</li> <li>Add a one-digit number to a two-digit number - with regrouping BF6</li> </ol>

## RIT Score: 170-178

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>Compare numbers up to 100 using symbols FU5</li> <li>Place value models up to 20 YPB</li> <li>Write numbers as tens and ones up to 20 5HL</li> <li>Place value models up to 100 5CG</li> <li>Convert between tens and ones - multiples of 10 VH7</li> <li>Write numbers as tens and ones 7WF</li> </ol>
Numbers and Operations: Base Ten and Fractions	<ol style="list-style-type: none"> <li>Add three numbers - use doubles 2K8</li> <li>Add two multiples of ten EMK</li> <li>Add a multiple of ten and a two-digit number LNL</li> <li>Add three numbers RL2</li> <li>Subtract multiples of 10 9DD</li> </ol>



## RIT Score: 179-185

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>1. Skip-counting by fives VHG</li> <li>2. Comparing numbers up to 1,000 XF9</li> <li>3. Writing numbers up to 100 in words - convert words to digits 2FT</li> <li>4. Writing numbers up to 100 in words - convert digits to words VPG</li> <li>5. Place value models - up to hundreds PBX</li> <li>6. Identify a digit up to the hundreds place 45U</li> <li>7. Place value - up to hundreds BDF</li> <li>8. Regroup tens and ones - ways to make a number JKT</li> <li>9. Regroup tens and ones 5LV</li> <li>10. Convert to/from a number - up to hundreds HUX</li> </ol>
Numbers and Operations: Base Ten and Fractions	<ol style="list-style-type: none"> <li>1. Add zero YEY</li> <li>2. Add multiples of 10 NPQ</li> <li>3. Ways to make a number using addition S5E</li> <li>4. Add three numbers up to two digits each YTH</li> <li>5. Add four numbers up to two digits each DP6</li> <li>6. Subtract multiples of 10 2Q6</li> <li>7. Ways to make a number using subtraction DTN</li> </ol>

## RIT Score: 186-191

Standard	IXL skills
Understand Place Value, Counting, and Cardinality	<ol style="list-style-type: none"> <li>1. Writing numbers up to 1,000 in words - convert words to digits JKD</li> <li>2. Writing numbers up to 1,000 in words - convert digits to words VPQ</li> <li>3. Convert from expanded form - up to hundreds LG5</li> </ol>

## Numbers and Operations: Base Ten and Fractions

1. Add a two-digit and a one-digit number - without regrouping EZ7
  2. Add two-digit numbers with regrouping - sums to 100 GLX
  3. Subtract a one-digit number from a two-digit number - with regrouping P85
  4. Subtract two two-digit numbers - with regrouping TWE
  5. Add multiples of 100 85Z
  6. Add multiples of 10 or 100 RCJ
  7. Addition with three-digit numbers ETW
  8. Subtract multiples of 100 2E2
  9. Subtract multiples of 10 or 100 VVM
  10. Add and subtract numbers up to 100 JDT
  11. Which sign (+ or -) makes the number sentence true? K7X
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## Numbers and Operations in Base Ten

1. Add a two-digit and a one-digit number - with regrouping 8BT
  2. Add two-digit numbers without regrouping - sums to 100 TX5
  3. Complete the addition sentence - up to two digits CZK
  4. Subtract a one-digit number from a two-digit number - without regrouping L8D
  5. Subtract two two-digit numbers - without regrouping R8C
  6. Complete the subtraction sentence - up to two digits YWC
  7. Addition and subtraction - ways to make a number - up to 100 8WA
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# Measurement and Data

## RIT Score: Less than 148

Standard	IXL skills
Solve Problems Involving Measurement	<ol style="list-style-type: none"> <li>1. Long and short DGP</li> <li>2. Tall and short 9KJ</li> <li>3. Light and heavy WWN</li> <li>4. Holds more or less 9KH</li> </ol>
Represent and Interpret Data	<ol style="list-style-type: none"> <li>1. Different 8U4</li> <li>2. Same H8J</li> <li>3. Same and different 6XZ</li> </ol>

## RIT Score: 148-160

Standard	IXL skills
Solve Problems Involving Measurement	<ol style="list-style-type: none"> <li>1. Compare size, weight, and capacity KGC</li> </ol>
Represent and Interpret Data	<ol style="list-style-type: none"> <li>1. Classify and sort by shape 9UK</li> <li>2. Classify and sort RPB</li> </ol>

## RIT Score: 161-169

Standard	IXL skills
Solve Problems Involving Measurement	<ol style="list-style-type: none"> <li>1. Compare objects: length and height D7U</li> <li>2. Match digital clocks and times KKM</li> </ol>
Represent and Interpret Data	<ol style="list-style-type: none"> <li>1. Which tally chart is correct? XRL</li> </ol>

## RIT Score: 170-178

Standard	IXL skills
Solve Problems Involving Measurement	<ol style="list-style-type: none"> <li>1. Measure length with objects GWG</li> <li>2. Match analog clocks and times 5FJ</li> <li>3. Match analog and digital clocks 7N3</li> </ol>

4. Read clocks and write times UJM

Represent and Interpret Data

1. Interpret tally charts LBV

## RIT Score: 179-185

### Standard

### IXL skills

Solve Problems Involving Measurement

1. Number lines - up to 100 T6D
2. Number lines - up to 1,000 KFQ
3. Addition sentences using number lines - sums up to 20 FXF
4. Subtraction sentences using number lines - up to 20 GUZ
5. Names and values of common coins 2QM
6. Count money - pennies, nickels, and dimes only AVN
7. Count money - up to \$1 DGK
8. Count money - up to \$5 3R8
9. Equivalent amounts of money - up to \$1 MGA
10. Exchanging money - with pictures VZD
11. Comparing groups of coins FVT
12. Match digital clocks and times 36N
13. Match analog clocks and times D9K
14. Match analog and digital clocks HKL
15. Read clocks and write times: hour and half hour AQW
16. Read clocks and write times K7F
17. A.M. or P.M. EJV
18. Measure using an inch ruler 88A
19. Which customary unit of length is appropriate: inches, feet, or yards? GKJ
20. Measure using a centimeter ruler 7WA
21. Which metric unit of length is appropriate? SKH

Represent and Interpret Data

1. Interpret bar graphs II 8CH
2. Which bar graph is correct? BMG

**RIT Score: 186-191**

Standard	IXL skills
Solve Problems Involving Measurement	<ol style="list-style-type: none"><li>1. Add money - up to \$1 6X3</li><li>2. Add money - up to \$1: word problems ZWJ</li><li>3. Subtract money - up to \$1 WH5</li><li>4. Subtract money - up to \$1: word problems ME9</li><li>5. Add and subtract money - up to \$1 LYC</li><li>6. Add and subtract money - up to \$1: word problems N5Y</li><li>7. Purchases - do you have enough money - up to \$1 F62</li><li>8. Purchases - do you have enough money - up to \$5 W79</li><li>9. Which picture shows more - up to \$5 39E</li><li>10. Least number of coins QAP</li><li>11. How much more to make a dollar? V9L</li><li>12. Making change LYP</li><li>13. Customary units of length: word problems GSF</li><li>14. Metric units of length: word problems KJ5</li></ol>
Represent and Interpret Data	<ol style="list-style-type: none"><li>1. Create line plots F2U</li></ol>

# Geometry

## RIT Score: Less than 148

Standard	IXL skills
Reason with Shapes and Their Attributes	<ol style="list-style-type: none"> <li>1. Inside and outside DHH</li> <li>2. Left, middle, and right QC5</li> <li>3. Top, middle, and bottom 2XE</li> <li>4. Location in a grid LD9</li> <li>5. Above and below 9DZ</li> <li>6. Beside and next to 5JY</li> <li>7. Name the two-dimensional shape MCW</li> <li>8. Circles ASA</li> </ol>

## RIT Score: 148-160

Standard	IXL skills
Reason with Shapes and Their Attributes	<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> <li>3. Squares 2WP</li> <li>4. Hexagons ZQE</li> <li>5. Select two-dimensional shapes QRY</li> <li>6. Flat and solid shapes 4X6</li> <li>7. Name the three-dimensional shape 2FZ</li> <li>8. Spheres WHV</li> <li>9. Cubes FS7</li> <li>10. Cones CFP</li> <li>11. Cylinders HNK</li> <li>12. Select three-dimensional shapes QAV</li> <li>13. Shapes of everyday objects I ZRS</li> <li>14. Shapes of everyday objects II E2G</li> </ol>

### RIT Score: 161-169

Standard	IXL skills
Reason with Shapes and Their Attributes	<ol style="list-style-type: none"> <li>1. Select two-dimensional shapes HV6</li> <li>2. Count sides and corners VUQ</li> <li>3. Open and closed shapes DBN</li> <li>4. Two-dimensional and three-dimensional shapes 2NN</li> </ol>

### RIT Score: 170-178

Standard	IXL skills
Reason with Shapes and Their Attributes	<ol style="list-style-type: none"> <li>1. Cubes and rectangular prisms 7HG</li> <li>2. Select three-dimensional shapes J8A</li> <li>3. Count vertices, edges, and faces Z42</li> <li>4. Identify faces of three-dimensional shapes RPX</li> <li>5. Equal parts - halves and fourths HVX</li> <li>6. Identify halves and fourths WVJ</li> </ol>

### RIT Score: 179-185

Standard	IXL skills
Reason with Shapes, Attributes, & Coordinate Plane	<ol style="list-style-type: none"> <li>1. Name the two-dimensional shape 2FK</li> <li>2. Select two-dimensional shapes DWL</li> <li>3. Count sides and vertices EAQ</li> <li>4. Compare sides and vertices G9N</li> </ol>

### RIT Score: 186-191

Standard	IXL skills
Reason with Shapes, Attributes, & Coordinate Plane	<ol style="list-style-type: none"> <li>1. Count vertices, edges, and faces X72</li> <li>2. Compare vertices, edges, and faces DPT</li> <li>3. Identify faces of three-dimensional shapes QSR</li> <li>4. Identify shapes traced from solids MRD</li> <li>5. Equal parts H5R</li> </ol>