

# MAP Growth Mathematics to Khan Academy

## Khan Academy Practice Exercises Correlated to RIT Common Core MAP Growth Math K-2

### About this Document

This document correlates MAP® Growth™ test sub-goals and RIT ranges to Khan Academy® exercises. The Khan Academy exercises are interactive problems for students with instant feedback.



Having these exercises correlated to RIT ranges means you can use them in conjunction with your flexible student groupings that are also informed by RIT score results. The exercises are also useful for targeting learning in each student’s zone of proximal development (Vygotsky).

The correlation between MAP Growth RIT scores and the Khan Academy exercises was determined by using our 2020 norms data to approximate grade levels, which were then matched to the corresponding Common Core State Standards (CCSS). Teachers in states that have not adopted the CCSS may still find these resources valuable by relating goals or sub-goals that are similar to CCSS goals and sub- goals.

NWEA plans to work with Khan Academy to update these links twice a year as new exercises are developed.

### How to Use

1. Use MAP Growth reports to find the RIT scores for a given sub-goal.
2. In this document, locate that same goal, approximate RIT range, and sub-goals.
3. To choose appropriate Khan Academy exercises:
	* Consider both the name of the exercise and the CCSS standard.
	* Click the link and try the exercise yourself.

Note: When you’re in Khan Academy, the links to videos and other resources add context to the actual exercise, but are not necessarily correlated to MAP Growth.

1. In the browser window where the exercise opened, note or copy the Web address URL.
2. Optionally deliver exercises to students. For example:
	* Paste the URL into an online document for students to access.
	* Present the exercise in the classroom.
	* Use for parent-teacher conference discussion.

### Limitations

The instructional suggestions presented in this document are intended to provide supplementary resources based on available Khan Academy exercises and are not intended to replace other options. MAP Growth data should be used as one of many data points for instructional decisions rather than as a placement guide.

### Terms of Use

These Terms of Use permit you to use this document for your personal, non-commercial use only. You must not reproduce, distribute, modify, create derivative works of, publicly display, publicly perform, republish, download, store or transmit any of the material on this document, except you may print or download one copy of a reasonable number of pages of this document for your own personal, non- commercial use and not for further reproduction, publication or distribution. You must not modify copies of this document. You must not delete or alter any copyright, trademark or other proprietary rights notices from this document. If you breach the Terms of Use your right to use the document will cease immediately and you must, at the option of NWEA®, return or destroy any copies of the document you have made. No right, title or interest in or to the document or any content on the document is transferred to you, and all rights not expressly granted are reserved by NWEA or their respective owner (see below). Any use of the document not expressly permitted by these Terms of Use is a breach of these Terms of Use and may violate copyright, trademark and other laws.

This document contains links to Khan Academy sites, materials and/or resources (“Khan Materials”). The use of the Khan Materials by NWEA is by license. Khan Academy is the respective owner of the Khan Materials. Use of the Khan Materials by NWEA in no way represents or suggests that Khan Academy endorses NWEA. All Khan Academy content is available for free at [www.khanacademy.org.](http://www.khanacademy.org/)

The Khan Materials are provided for your convenience only. NWEA has no control over the contents of the Khan Materials and accepts no responsibility for them or for any loss or damage that may arise from your use of them. The information contained in this document, including the Khan Materials, are provided “as-is” and “as available” without any warranty of any kind, express or implied. NWEA does not warrant the accuracy, completeness or usefulness of the Khan Materials or any other information in this document and NWEA expressly disclaims all liability and responsibility arising from any reliance placed on the Khan Materials and/or any other information in this document. If you decide to access any of the Khan Materials, you do so entirely at your own risk and subject to the terms and conditions of use for the Khan Materials.

NWEA disclaims all warranties of any kind, whether express or implied, statutory or otherwise, including but not limited to any warranties of merchantability, non-infringement and fitness for particular purpose. In no event will NWEA be liable for damages of any kind, under any legal theory, arising out of or in connection with your use, or inability to use, this document and/or the information contained within it, including any direct, indirect, special, consequential, incidental or punitive damages. Any dispute or claim arising from or related to this document shall be governed and construed with the laws of the State or Oregon and any suit or action arising out of this document shall be instituted exclusively in the court of the State of Oregon and County of Multnomah.

The Khan Academy® is a registered trademark of Khan Academy. MAP® is a registered trademark of NWEA. You must not use such marks without the prior written permission of their respective owners. NWEA may update the content on this document from time to time, but its content is not necessarily complete or up-to-date. Any of the material in this document may be out of date at any given time, and NWEA is under no obligation to update such material. However, in the event NWEA, in its sole discretion updates this document, your continued use of it following the posting of revised Terms of Use means that you accept and agree to the changes.

# MAP Growth Mathematics

Khan Academy Practice Exercises Correlation

Common Core Math K-2

## Operations and Algebraic Thinking

#### Represent and Solve Problems Pg. 4

Properties of Operations Pg. 6

Number and Operations

Understand Place Value, Counting, and Cardinality Pg. 8

Number and Operations: Base Ten and Fractions Pg. 10

Measurement and Data

Solve Problems Involving Measurement Pg. 13

Represent and Interpret Data Pg. 15

Geometry

Reason with Shapes and Their Attributes Pg. 16

Math K-2 | Operations and Algebraic Thinking | Represent and Solve Problems

## Operations and Algebraic Thinking

#### Represent and Solve Problems Standards Alignment

RIT Range: <159

[Add within 10](https://www.khanacademy.org/e/put-together) K.OA.A.1

[Subtract within 10](https://www.khanacademy.org/e/take-apart) K.OA.A.1

#### [Addition word problems within 10](https://www.khanacademy.org/e/addition-word-problems-within-10) K.OA.A.2

[Subtraction word problems within 10](https://www.khanacademy.org/e/subtraction-word-problems-within-10) K.OA.A.2

[Making small numbers in different ways](https://www.khanacademy.org/e/making-totals-in-different-ways-within-10) K.OA.A.3

[Make 10](https://www.khanacademy.org/e/making-ten-2) K.OA.A.4

#### [Make 10 (grids and number bonds)](https://www.khanacademy.org/e/making-ten) K.OA.A.4

[Making 5](https://www.khanacademy.org/e/making-five) K.OA.A.4

#### RIT Range: 159-175

[Addition and subtraction word problems 1](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-20--level-1) 1.OA.A.1

[Addition and subtraction word problems 2](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-20--level-2) 1.OA.A.1

[Word problems with "more" and "fewer"](https://www.khanacademy.org/e/word-problems-more-and-fewer) 1.OA.A.1

[Word problems with "more" and "fewer" 1](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-20--level-3) 1.OA.A.1

[Word problems with "more" and "fewer" 2](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-20--level-4) 1.OA.A.1

[Add 3 numbers](https://www.khanacademy.org/e/adding-three-numbers) 1.OA.A.2

#### RIT Range: 176-188

[Add and subtract within 100 word problems 1](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-100--level-1) 2.OA.A.1

[Add and subtract within 100 word problems 2](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-100--level-2) 2.OA.A.1

[Add and subtract within 100 word problems 3](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-100--level-3) 2.OA.A.1  [Challenging add and subtract word problems (within 100)](https://www.khanacademy.org/e/addition-and-subtraction-word-problems-within-100--level-4) 2.OA.A.1  [Find the missing number (add and subtract within 100)](https://www.khanacademy.org/e/find-the-missing-number-add-sub-within-100) 2.OA.A.1

[Length word problems](https://www.khanacademy.org/e/length-word-problems) 2.OA.A.1

#### [Solve problems with picture graphs 1](https://www.khanacademy.org/e/solving-problems-with-picture-graphs-1) 2.OA.A.1

[Repeated addition](https://www.khanacademy.org/e/repeated-addition) 2.OA.C.4

Math K-2 | Operations and Algebraic Thinking | Represent and Solve Problems

## Operations and Algebraic Thinking

#### Represent and Solve Problems Standards Alignment

RIT Range: 189-200

[Meaning of multiplication](https://www.khanacademy.org/e/meaning-of-multiplication) 3.OA.A.1

[Multiply with arrays](https://www.khanacademy.org/e/multiplying-with-arrays) 3.OA.A.1

[Divide with visuals](https://www.khanacademy.org/e/dividing-with-visuals) 3.OA.A.2

[Meaning of division](https://www.khanacademy.org/e/meaning-of-division) 3.OA.A.2

#### [Multiplication and division word problems (within 100)](https://www.khanacademy.org/e/multiplication-and-division-word-problems--within-100-) 3.OA.A.3

[Relate division to multiplication word problems](https://www.khanacademy.org/e/relate-division-to-multiplication-word-problems) 3.OA.A.3

[Basic multiplication](https://www.khanacademy.org/e/multiplication_0.5) 3.OA.A.4

#### [Find missing divisors and dividends (1-digit division)](https://www.khanacademy.org/e/division_1) 3.OA.A.4

[Find missing factors (1-digit multiplication)](https://www.khanacademy.org/e/finding-missing-factors--1-digit-multiplication-) 3.OA.A.4  [Letters and symbols in multiplication and division equations](https://www.khanacademy.org/e/letters-and-symbols-in-multiplication-and-division-equations) 3.OA.A.4  [2-step estimation word problems](https://www.khanacademy.org/e/2-step-estimation-word-problems) 3.OA.D.8

[2-step word problems](https://www.khanacademy.org/e/two-step-word-problems-with-addition--subtraction--multiplication--and-division) 3.OA.D.8

#### [Represent 2-step word problems with equations](https://www.khanacademy.org/e/represent-2-step-word-problems-using-equations) 3.OA.D.8

[Math patterns 1](https://www.khanacademy.org/e/patterns) 3.OA.D.9

#### [Patterns in multiplication tables](https://www.khanacademy.org/e/patterns-in-the-addition-table-and-multiplication-table) 3.OA.D.9

[Patterns with even and odd](https://www.khanacademy.org/e/patterns-with-even-and-odd) 3.OA.D.9

Math K-2 | Operations and Algebraic Thinking | Properties of Operations

## Operations and Algebraic Thinking

#### Properties of Operations Standards Alignment

RIT Range: <159

[Add within 5](https://www.khanacademy.org/e/addition_1) K.OA.A.5

[Subtract within 5](https://www.khanacademy.org/e/subtraction_1) K.OA.A.5

#### RIT Range: 159-175

[Relate addition and subtraction](https://www.khanacademy.org/e/relate-addition-and-subtraction) 1.OA.B.4

[Add within 20](https://www.khanacademy.org/e/addition_2) 1.OA.C.6

[Subtract within 20](https://www.khanacademy.org/e/subtraction_2) 1.OA.C.6

[Equal sign](https://www.khanacademy.org/e/meaning-of-equal-sign-1) 1.OA.D.7

#### [Find missing number (add and subtract within 20)](https://www.khanacademy.org/e/missing-number-within-20--add-and-subtract-) 1.OA.D.8

RIT Range: 176-188

[Repeated addition](https://www.khanacademy.org/e/repeated-addition) 2.OA.C.4

#### RIT Range: 189-200

[Commutative property of multiplication](https://www.khanacademy.org/e/commutative-property-of-multiplication) 3.OA.B.5

[Distributive property of multiplication](https://www.khanacademy.org/e/distributive-property-of-multiplication-) 3.OA.B.5

[Relate division to multiplication](https://www.khanacademy.org/e/relate-division-to-multiplication) 3.OA.B.6

[Relate division to multiplication word problems](https://www.khanacademy.org/e/relate-division-to-multiplication-word-problems) 3.OA.B.6

[Basic division](https://www.khanacademy.org/e/division_0.5) 3.OA.C.7

[Basic multiplication](https://www.khanacademy.org/e/multiplication_0.5) 3.OA.C.7

[Divide by 1](https://www.khanacademy.org/e/dividing-by-1) 3.OA.C.7

[Divide by 10](https://www.khanacademy.org/e/dividing-by-10) 3.OA.C.7

[Divide by 2](https://www.khanacademy.org/e/dividing-by-2) 3.OA.C.7

[Divide by 3](https://www.khanacademy.org/e/dividing-by-3) 3.OA.C.7

[Divide by 4](https://www.khanacademy.org/e/dividing-by-4) 3.OA.C.7

[Divide by 5](https://www.khanacademy.org/e/dividing-by-5) 3.OA.C.7

[Divide by 6](https://www.khanacademy.org/e/dividing-by-6) 3.OA.C.7

[Divide by 7](https://www.khanacademy.org/e/dividing-by-7) 3.OA.C.7

Math K-2 | Operations and Algebraic Thinking | Properties of Operations

## Operations and Algebraic Thinking

#### Properties of Operations Standards Alignment

RIT Range: 189-200

[Divide by 8](https://www.khanacademy.org/e/dividing-by-8) 3.OA.C.7

[Divide by 9](https://www.khanacademy.org/e/dividing-by-9) 3.OA.C.7

#### [Find missing divisors and dividends (1-digit division)](https://www.khanacademy.org/e/division_1) 3.OA.C.7

[Multiply by 0 or 1](https://www.khanacademy.org/e/multiplying-by-0-or-1) 3.OA.C.7

[Multiply by 2](https://www.khanacademy.org/e/multiplying-by-2) 3.OA.C.7

[Multiply by 3](https://www.khanacademy.org/e/multiplying-by-3) 3.OA.C.7

[Multiply by 4](https://www.khanacademy.org/e/multiplying-by-4) 3.OA.C.7

[Multiply by 5](https://www.khanacademy.org/e/multiplying-by-5) 3.OA.C.7

[Multiply by 6](https://www.khanacademy.org/e/multiplying-by-6) 3.OA.C.7

[Multiply by 7](https://www.khanacademy.org/e/multiplying-by-7) 3.OA.C.7

[Multiply by 8](https://www.khanacademy.org/e/multiplying-by-8) 3.OA.C.7

[Multiply by 9](https://www.khanacademy.org/e/multiplying-by-9) 3.OA.C.7

#### [Relate repeated addition to multiplication](https://www.khanacademy.org/e/relate-repeated-addition-to-multiplication) 3.OA.C.7

[Whole numbers on the number line](https://www.khanacademy.org/e/number_line) 3.OA.C.7

Math K-2 | Number and Operations | Understand Place Value, Counting, and Cardinality

## Number and Operations

#### Understand Place Value, Counting, and Cardinality Standards Alignment

RIT Range: <159

[Count tens](https://www.khanacademy.org/e/counting-tens) K.CC.A.1

[Numbers to 100](https://www.khanacademy.org/e/count-to-100) K.CC.A.1

[Missing numbers](https://www.khanacademy.org/e/count-from-any-number) K.CC.A.2

[Count in order](https://www.khanacademy.org/e/counting-objects) K.CC.B.4

[Count in pictures](https://www.khanacademy.org/e/counting-in-scenes) K.CC.B.4

#### [Find 1 more or 1 less than a number](https://www.khanacademy.org/e/one-more--one-less) K.CC.B.4

[Count objects 1](https://www.khanacademy.org/e/how-many-objects-1) K.CC.B.5

[Count objects 2](https://www.khanacademy.org/e/how-many-objects-2) K.CC.B.5

[Count with small numbers](https://www.khanacademy.org/e/counting-out-1-20-objects) K.CC.B.5

[Compare numbers of objects 1](https://www.khanacademy.org/e/compare-groups-through-10) K.CC.C.6

[Comparing numbers to 10](https://www.khanacademy.org/e/comparing-numbers-through-10) K.CC.C.7

[Teen numbers](https://www.khanacademy.org/e/teen-numbers-1) K.NBT.A.1

#### RIT Range: 159-175

[Numbers to 120](https://www.khanacademy.org/e/numbers-to-120) 1.NBT.A.1

1. [digit place value challenge](https://www.khanacademy.org/e/understanding-2-digit-numbers) 1.NBT.B.2

[Groups of ten objects](https://www.khanacademy.org/e/groups-of-tens) 1.NBT.B.2

[Compare 2-digit numbers](https://www.khanacademy.org/e/comparing_whole_numbers) 1.NBT.B.3

[Compare 2-digit numbers 2](https://www.khanacademy.org/e/comparing-two-digit-numbers-1) 1.NBT.B.3

#### RIT Range: 176-188

[Hundreds, tens, and ones](https://www.khanacademy.org/e/hundreds--tens--and-ones) 2.NBT.A.1

[Count money (U.S.)](https://www.khanacademy.org/e/counting-money--us-) 2.NBT.A.2

[Skip-count by 10s](https://www.khanacademy.org/e/skip-counting-by-10s) 2.NBT.A.2

[Skip-count by 5s](https://www.khanacademy.org/e/skip-counting-by-5s) 2.NBT.A.2

[Skip-counting by 100s](https://www.khanacademy.org/e/skip-counting-by-100s) 2.NBT.A.2

1. [digit place value challenge](https://www.khanacademy.org/e/writing-numbers-to-1000) 2.NBT.A.3

Math K-2 | Number and Operations | Understand Place Value, Counting, and Cardinality

## Number and Operations

#### Understand Place Value, Counting, and Cardinality Standards Alignment

RIT Range: 176-188

[Compare 3-digit numbers](https://www.khanacademy.org/e/comparing-numbers-within-1000) 2.NBT.A.4

Math K-2 | Number and Operations | Number and Operations: Base Ten and Fractions

## Number and Operations

#### Number and Operations: Base Ten and Fractions Standards Alignment

RIT Range: 159-175

[Add 1s or 10s (no regrouping)](https://www.khanacademy.org/e/adding-1s-or-10s-to-two-digit-numbers) 1.NBT.C.4

#### [Add 2-digit numbers (no regrouping)](https://www.khanacademy.org/e/add-within-100--level-2) 1.NBT.C.4

[Break apart 2-digit addition problems](https://www.khanacademy.org/e/breaking-apart-two-digit-addition-problems) 1.NBT.C.4

[Regroup when adding 1-digit numbers](https://www.khanacademy.org/e/regroup-two-digit-plus-one-digit) 1.NBT.C.4

[Add 1 or 10](https://www.khanacademy.org/e/add-within-100--level-1) 1.NBT.C.4 | 1.NBT.C.5

#### RIT Range: 176-188

[Add 2-digit numbers by making tens](https://www.khanacademy.org/e/making-100) 2.NBT.B.5

#### [Add 2-digit numbers by making tens 2](https://www.khanacademy.org/e/making-100-level-2) 2.NBT.B.5

[Add within 100](https://www.khanacademy.org/e/addition_3) 2.NBT.B.5

[Subtract 1 or 10](https://www.khanacademy.org/e/subtract-with-in-100-level-1) 2.NBT.B.5

#### [Subtract 2-digit numbers (no regrouping)](https://www.khanacademy.org/e/subtract-within-100-level-2) 2.NBT.B.5

[Subtract within 100](https://www.khanacademy.org/e/subtraction_3) 2.NBT.B.5

[Subtract within 20](https://www.khanacademy.org/e/subtraction_2) 2.NBT.B.5

#### [Subtracting 1s or 10s (no regrouping)](https://www.khanacademy.org/e/subtracting-1s-or-10s) 2.NBT.B.5

[Add 10s and 100s (no regrouping)](https://www.khanacademy.org/e/add-within-1000--level-1) 2.NBT.B.7

#### [Add 2- and 3-digit numbers (no regrouping)](https://www.khanacademy.org/e/add-within-1000--level-2) 2.NBT.B.7

[Add and subtract on a number line](https://www.khanacademy.org/e/adding-and-subtracting-within-1000-using-a-number-line) 2.NBT.B.7

#### [Add and subtract using a number line](https://www.khanacademy.org/e/add-sub-within-100-w-num-line) 2.NBT.B.7

[Select strategies for adding within 100](https://www.khanacademy.org/e/select-strategies-for-adding-within-100) 2.NBT.B.7

[Subtract 10s and 100s (no regrouping)](https://www.khanacademy.org/e/subtract-within-1000--level-1) 2.NBT.B.7

[Subtract 2- and 3-digit numbers (no regrouping)](https://www.khanacademy.org/e/subtract-within-1000--level-2) 2.NBT.B.7

[Add using groups of 10 and 100](https://www.khanacademy.org/e/making-100-and-1000) 2.NBT.B.7 | 3.NBT.A.2

[Break apart 3-digit addition problems](https://www.khanacademy.org/e/break-apart-three-dig-add) 2.NBT.B.7 | 3.NBT.A.2

[Estimate to add and subtract multi-digit whole numbers](https://www.khanacademy.org/e/estimate-to-add-multi-digit-whole-numbers-) 2.NBT.B.7 | 3.NBT.A.2

Math K-2 | Number and Operations | Number and Operations: Base Ten and Fractions

## Number and Operations

#### Number and Operations: Base Ten and Fractions Standards Alignment

RIT Range: 189-200

[Add using groups of 10 and 100](https://www.khanacademy.org/e/making-100-and-1000) 2.NBT.B.7 | 3.NBT.A.2

[Break apart 3-digit addition problems](https://www.khanacademy.org/e/break-apart-three-dig-add) 2.NBT.B.7 | 3.NBT.A.2  [Estimate to add and subtract multi-digit whole numbers](https://www.khanacademy.org/e/estimate-to-add-multi-digit-whole-numbers-) 2.NBT.B.7 | 3.NBT.A.2  [Round to nearest 10 or 100](https://www.khanacademy.org/e/rounding-to-the-nearest-ten-or-hundred) 3.NBT.A.1

#### [Round to nearest 10 or 100 on the number line](https://www.khanacademy.org/e/rounding-to-the-nearest-10-or-100-on-the-number-line) 3.NBT.A.1

[Rounding challenge](https://www.khanacademy.org/e/rounding-challenge) 3.NBT.A.1

[Add within 1000](https://www.khanacademy.org/e/addition_4) 3.NBT.A.2

[Subtract within 1000](https://www.khanacademy.org/e/subtraction_4) 3.NBT.A.2

[Multiply by tens](https://www.khanacademy.org/e/multiplication_1) 3.NBT.A.3

[Multiply by tens word problems](https://www.khanacademy.org/e/multiply-by-tens-word-problems) 3.NBT.A.3

[Cut shapes into equal parts](https://www.khanacademy.org/e/that-s-not-fair-) 3.NF.A.1

#### [Identify numerators and denominators](https://www.khanacademy.org/e/recognizing_fractions) 3.NF.A.1

[Identify unit fractions](https://www.khanacademy.org/e/cutting-shapes-into-equal-parts) 3.NF.A.1

[Recognize fractions](https://www.khanacademy.org/e/recognizing_fractions_0.5) 3.NF.A.1

#### [Recognize fractions greater than 1](https://www.khanacademy.org/e/fractions-greater-than-one) 3.NF.A.1

[Find 1 on the number line](https://www.khanacademy.org/e/finding-1-on-the-number-line) 3.NF.A.2

[Fractions on the number line](https://www.khanacademy.org/e/fractions_on_the_number_line_1) 3.NF.A.2

#### [Unit fractions on the number line](https://www.khanacademy.org/e/fractions_on_the_number_line_2) 3.NF.A.2

[Relate fractions to 1](https://www.khanacademy.org/e/relate-fractions-to-1) 3.NF.A.2 | 3.NF.A.3

#### [Compare fractions of different wholes](https://www.khanacademy.org/e/naming-the-whole) 3.NF.A.3

[Compare fractions with the same denominator](https://www.khanacademy.org/e/comparing_fractions_with_the_same_denominator) 3.NF.A.3

[Compare fractions with the same numerator](https://www.khanacademy.org/e/comparing_fractions_with_the_same_numerator) 3.NF.A.3  [Compare fractions with the same numerator or denominator](https://www.khanacademy.org/e/comparing_fractions_1) 3.NF.A.3  [Equivalent fraction models](https://www.khanacademy.org/e/equivalent-fraction-models-1) 3.NF.A.3

[Equivalent fractions on the number line](https://www.khanacademy.org/e/equivalent-fraction-models) 3.NF.A.3

[Visually compare fractions 1](https://www.khanacademy.org/e/comparing-fractions-with-the-same-numerator-or-denominator) 3.NF.A.3

Math K-2 | Number and Operations | Number and Operations: Base Ten and Fractions

## Number and Operations

#### Number and Operations: Base Ten and Fractions Standards Alignment

RIT Range: 189-200

[Write fractions as whole numbers](https://www.khanacademy.org/e/writing-fractions-as-whole-numbers) 3.NF.A.3

Math K-2 | Measurement and Data | Solve Problems Involving Measurement

## Measurement and Data

#### Solve Problems Involving Measurement Standards Alignment

RIT Range: <159

[Compare size](https://www.khanacademy.org/e/which-has-more-) K.MD.A.2

#### RIT Range: 159-175

[Indirect measurement](https://www.khanacademy.org/e/indirect-measurement) 1.MD.A.1

[Order by length](https://www.khanacademy.org/e/order-by-length) 1.MD.A.1

[Measure lengths 1](https://www.khanacademy.org/e/measuring-lengths-1) 1.MD.A.2

[Tell time to hour or half hour](https://www.khanacademy.org/e/tell-time-to-hour-or-half-hour) 1.MD.B.3

#### RIT Range: 176-188

[Measure lengths 2](https://www.khanacademy.org/e/measuring-lengths-2) 2.MD.A.1

[Estimate lengths](https://www.khanacademy.org/e/estimating-lengths) 2.MD.A.3

#### [Estimate lengths (US Customary units)](https://www.khanacademy.org/e/estimate-lengths--us-customary-units-) 2.MD.A.3

[Length word problems](https://www.khanacademy.org/e/length-word-problems) 2.MD.B.5

#### [Add and subtract on the number line word problems](https://www.khanacademy.org/e/adding-and-subtracting-on-the-number-line-word-problems) 2.MD.B.6

[Tell time with a labeled clock](https://www.khanacademy.org/e/telling_time_0.5) 2.MD.C.7

[Tell time without labels](https://www.khanacademy.org/e/telling_time) 2.MD.C.7

[Count money (U.S.)](https://www.khanacademy.org/e/counting-money--us-) 2.MD.C.8

#### RIT Range: 189-200

[Tell time to the nearest minute](https://www.khanacademy.org/e/telling-time-to-the-nearest-minute) 3.MD.A.1

[Telling time on the number line](https://www.khanacademy.org/e/telling-time-on-the-number-line) 3.MD.A.1

[Telling time word problems (within the hour)](https://www.khanacademy.org/e/telling-time-word-problems) 3.MD.A.1

[Time differences (within the hour)](https://www.khanacademy.org/e/time-differences) 3.MD.A.1

[Time word problems with number line](https://www.khanacademy.org/e/telling-time-word-problems-with-the-number-line) 3.MD.A.1

[Estimate mass (grams and kilograms)](https://www.khanacademy.org/e/estimating-mass) 3.MD.A.2

[Estimate volume (milliliters and liters)](https://www.khanacademy.org/e/estimating-volume) 3.MD.A.2

[Word problems with mass](https://www.khanacademy.org/e/measure-mass) 3.MD.A.2

[Word problems with volume](https://www.khanacademy.org/e/volume-word-problems-1) 3.MD.A.2

Math K-2 | Measurement and Data | Solve Problems Involving Measurement

## Measurement and Data

#### Solve Problems Involving Measurement Standards Alignment

RIT Range: 189-200

[Understanding area](https://www.khanacademy.org/e/understanding-area) 3.MD.C.5

[Find area by counting unit squares](https://www.khanacademy.org/e/area_1) 3.MD.C.5 | 3.MD.C.6

#### [Create rectangles with a given area](https://www.khanacademy.org/e/find-area-of-rectangles-by-counting-unit-squares) 3.MD.C.6

[Find area with partial unit squares](https://www.khanacademy.org/e/measuring-area-with-unit-squares) 3.MD.C.6

[Area and the distributive property](https://www.khanacademy.org/e/area-and-the-distributive-property) 3.MD.C.7

[Compare areas by multiplying](https://www.khanacademy.org/e/comparing-areas-by-multiplying) 3.MD.C.7

#### [Decompose figures to find area 1](https://www.khanacademy.org/e/decompose-figures-to-find-area-1) 3.MD.C.7

[Decompose figures to find area 2](https://www.khanacademy.org/e/decompose-shapes-to-find-area) 3.MD.C.7

[Find a missing side length when given area](https://www.khanacademy.org/e/find-a-missing-side-length-when-given-area-of-a-rectangle) 3.MD.C.7

[Measure to find area](https://www.khanacademy.org/e/measure-to-find-area) 3.MD.C.7

#### [Transition from unit squares to area formula](https://www.khanacademy.org/e/finding-area-by-multiplying) 3.MD.C.7

[Compare area and perimeter](https://www.khanacademy.org/e/comparing-area-and-perimeter) 3.MD.D.8

#### [Find a missing side length when given perimeter](https://www.khanacademy.org/e/find-a-missing-side-length-when-given-perimeter) 3.MD.D.8

[Find perimeter by counting unit squares](https://www.khanacademy.org/e/perimeter_1) 3.MD.D.8

[Find perimeter when given side lengths](https://www.khanacademy.org/e/perimeter-2) 3.MD.D.8

[Measure to find perimeter](https://www.khanacademy.org/e/measure-to-find-perimeter) 3.MD.D.8

[Perimeter word problems](https://www.khanacademy.org/e/perimeter-word-problems) 3.MD.D.8

Math K-2 | Measurement and Data | Represent and Interpret Data

## Measurement and Data

#### Represent and Interpret Data Standards Alignment

RIT Range: <159

[Compare numbers of objects 2](https://www.khanacademy.org/e/sort-groups-by-count) K.MD.B.3

#### RIT Range: 159-175

[Solve problems with bar graphs 1](https://www.khanacademy.org/e/solving-problems-with-bar-graphs-1) 1.MD.C.4

RIT Range: 176-188

[Solve problems with bar graphs 2](https://www.khanacademy.org/e/solving-problems-with-bar-graphs-2) 2.MD.D.10

#### [Solve problems with picture graphs 1](https://www.khanacademy.org/e/solving-problems-with-picture-graphs-1) 2.MD.D.10

[Make bar graphs 1](https://www.khanacademy.org/e/make-bar-graphs-1) 2.MD.D.9

[Make line plots](https://www.khanacademy.org/e/creating-line-plots-1) 2.MD.D.9

[Make picture graphs 1](https://www.khanacademy.org/e/make-picture-graphs-1) 2.MD.D.9

[Solve problems with line plots](https://www.khanacademy.org/e/solving-problems-with-line-plots-1) 2.MD.D.9

#### RIT Range: 189-200

[Create bar graphs](https://www.khanacademy.org/e/creating_bar_charts_1) 3.MD.B.3

#### [Create picture graphs (picture more than 1)](https://www.khanacademy.org/e/creating-picture-and-bar-graphs-2) 3.MD.B.3

[Read bar graphs and solve 1-step problems](https://www.khanacademy.org/e/solving-problems-with-bar-graphs-3) 3.MD.B.3

[Read bar graphs and solve 2 step problems](https://www.khanacademy.org/e/reading_bar_charts_2) 3.MD.B.3

[Read picture graphs](https://www.khanacademy.org/e/solving-problems-with-picture-graphs-2) 3.MD.B.3

#### [Read picture graphs (multi-step problems)](https://www.khanacademy.org/e/reading_pictographs_2) 3.MD.B.3

[Graph data on line plots](https://www.khanacademy.org/e/creating-line-plots-2) 3.MD.B.4

#### [Read line plots (data with fractions)](https://www.khanacademy.org/e/read-line-plots) 3.MD.B.4

Math K-2 | Geometry | Reason with Shapes and Their Attributes

## Geometry

#### Reason with Shapes and Their Attributes Standards Alignment

RIT Range: <159

[Name shapes 1](https://www.khanacademy.org/e/naming-shapes) K.G.A.1

[Relative position](https://www.khanacademy.org/e/relative-position) K.G.A.1

[Name shapes 2](https://www.khanacademy.org/e/naming-shapes-2) K.G.A.2

[Compare shapes](https://www.khanacademy.org/e/compare-shapes) K.G.B.4

[Compose shapes](https://www.khanacademy.org/e/compose-shapes) K.G.B.6

#### RIT Range: 159-175

[Name shapes 3](https://www.khanacademy.org/e/attributes-of-shapes) 1.G.A.1

[Halves and fourths](https://www.khanacademy.org/e/halves-and-fourths) 1.G.A.3

#### RIT Range: 176-188

[Name shapes 4](https://www.khanacademy.org/e/recognizing-shapes) 2.G.A.1

#### [Equal parts of circles and rectangles](https://www.khanacademy.org/e/equal-parts-of-circles-and-rectangles) 2.G.A.3

RIT Range: 189-200

[Categorize quadrilaterals](https://www.khanacademy.org/e/categorize-quadrilaterals) 3.G.A.1

[Identify quadrilaterals](https://www.khanacademy.org/e/identify-quadrilaterals) 3.G.A.1

#### [Cut shapes into equal parts](https://www.khanacademy.org/e/that-s-not-fair-) 3.G.A.2

[Identify unit fractions](https://www.khanacademy.org/e/cutting-shapes-into-equal-parts) 3.G.A.2

#### NWEA® is a not-for-profit organization that supports students and educators worldwide by providing assessment solutions, insightful reports, professional learning offerings, and research services. Visit NWEA.org to find out how NWEA can partner with you to help all kids learn.

© NWEA 2020.

© Copyright 2010 National Governors Association Center for Best Practices and Council of Chief State School Officers.

MAP is a registered trademark, and NWEA, MAP Growth, and Measuring What Matters are trademarks, of NWEA in the US and in other countries.

The names of other companies and their products mentioned are the trademarks of their respective owners.

September 2020