

Math

CURRICULUM CORRELATIONS



How to Measure

READING LEVEL: Grade 3 **INTEREST LEVEL:** Grades 3-6

Each book in the *How to Measure* series features fascinating facts, engaging images, and hands-on activities to help make learning about measuring fun.

TITLES IN SERIES

Length

Media Enhanced Book (MEB) ISBN: 978-1-5105-3626-5
MEB and Digital ISBN: 978-1-5105-4274-7

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MEB and Digital ISBN: 978-1-5105-4276-1

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Media Enhanced Book (MEB) ISBN: 978-1-5105-3628-9
MEB and Digital ISBN: 978-1-5105-4275-4

How To Measure set

Media Enhanced Books (MEB) ISBN: 978-1-5105-5046-9
MEB and Digital ISBN: 978-1-5105-5047-6

CURRICULUM CORRELATIONS

NATIONAL STANDARDS CURRICULUM CORRELATIONS

Common Core State Standards (CCSS)

Measure and estimate liquid volumes and masses of objects using standard units of grams (g), kilograms (kg), and liters (l). 1 Add, subtract, multiply, or divide to solve one-step word problems involving masses or volumes that are given in the same units, e.g., by using drawings (such as a beaker with a measurement scale) to represent the problem.

(MD.A - Grade 3, Standard 2)

Tell and write time to the nearest minute and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.

(MD.A - Grade 3, Standard 1)

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR SCIENCE

The student applies mathematical process standards to represent and compare whole numbers and understand relationships related to place value.

(§111.5. Mathematics, Grade 3)

The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy.

(§111.5. Mathematics, Grade 3)

Learn 3D Shapes

READING LEVEL: Grade 3 **INTEREST LEVEL:** Grades 3–6

The *Learn 3D Shapes* series introduces readers to 3D shapes and where they are found in daily life. Each title explores a different 3D shape, ranging from the sphere to the pyramid.

TITLES IN SERIES

Cones

Media Enhanced Book (MEB) ISBN: 978-1-5105-1987-9
MEB and Digital ISBN: 978-1-5105-2924-3

Cubes

Media Enhanced Book (MEB) ISBN: 978-1-5105-1989-3
MEB and Digital ISBN: 978-1-5105-2925-0

Cylinders

Media Enhanced Book (MEB) ISBN: 978-1-5105-1991-6
MEB and Digital ISBN: 978-1-5105-2926-7

Pyramids

Media Enhanced Book (MEB) ISBN: 978-1-5105-1993-0
MEB and Digital ISBN: 978-1-5105-2927-4

Spheres

Media Enhanced Book (MEB) ISBN: 978-1-5105-1995-4
MEB and Digital ISBN: 978-1-5105-2928-1

Learn 3D Shapes Series Set

Media Enhanced Books (MEB) ISBN: 978-1-5105-4854-1
MEB and Digital ISBN: 978-1-5105-4855-8

CURRICULUM CORRELATIONS

NATIONAL STANDARDS CURRICULUM CORRELATIONS

Common Core State Standards (CCSS)

Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. (GA - Grade 2, Standard 1)

Understand that shapes in different categories (e.g., rhombuses, rectangles, and others) may share attributes (e.g., having four sides), and that the shared attributes can define a larger category (e.g., quadrilaterals). Recognize rhombuses, rectangles, and squares as examples of quadrilaterals, and draw examples of quadrilaterals that do not belong to any of these subcategories.

(RI - Grade 3, Standard 1)

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR SCIENCE

Geometry and measurement. The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties. The student is expected to classify and sort two- and three-dimensional figures, including cones, cylinders, spheres, triangular and rectangular prisms, and cubes, based on attributes using formal geometric language.

(§111.5. Mathematics, Grade 3)

Mathematical process standards. The student uses mathematical processes to acquire and demonstrate mathematical understanding. The student is expected to apply mathematics to problems arising in everyday life, society, and the workplace

(§111.5. Mathematics, Grade 3)

Let's Do Math!

READING LEVEL: Grade 2 **INTEREST LEVEL:** Grades K–2

Each title in the *Let's Do Math!* series uses vibrant images and interesting examples to engage early learners, helping them build a strong mathematics foundation.

TITLES IN SERIES

Counting

Media Enhanced Book (MEB) ISBN: 978-1-5105-4554-0
MEB and Digital ISBN: 978-1-5105-4752-0

Fractions

Media Enhanced Book (MEB) ISBN: 978-1-5105-4557-1
MEB and Digital ISBN: 978-1-5105-4751-3

Graphs

Media Enhanced Book (MEB) ISBN: 978-1-5105-4560-1
MEB and Digital ISBN: 978-1-5105-4750-6

Measurements

Media Enhanced Book (MEB) ISBN: 978-1-5105-4563-2
MEB and Digital ISBN: 978-1-5105-4749-0

Money

Media Enhanced Book (MEB) ISBN: 978-1-5105-4566-3
MEB and Digital ISBN: 978-1-5105-4748-3

Patterns

Media Enhanced Book (MEB) ISBN: 978-1-5105-4569-4
MEB and Digital ISBN: 978-1-5105-4747-6

Shapes

Media Enhanced Book (MEB) ISBN: 978-1-5105-4572-4
MEB and Digital ISBN: 978-1-5105-4746-9

Time

Media Enhanced Book (MEB) ISBN: 978-1-5105-4575-5
MEB and Digital ISBN: 978-1-5105-4745-2

Let's Do Math! Series Set

Media Enhanced Books (MEB) ISBN: 978-1-5105-4559-5
MEB and Digital ISBN: 978-1-5105-4556-4

CURRICULUM CORRELATIONS

COMMON CORE STANDARDS CURRICULUM CORRELATIONS Common Core State Standards (CCSS)

Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

(OA.A - Grade 2, Standard 1)

Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

(MD.A - Grade 2, Standard 1)

Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

(G.A - Grade 2, Standard 1)

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR SOCIAL STUDIES

The student applies mathematical process standards to understand how to represent and compare whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.

(§111.4. Mathematics, Grade 2)

The student applies mathematical process standards to analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.

(§111.4. Mathematics, Grade 2)

The student applies mathematical process standards to select and use units to describe length, area, and time.

(§111.4. Mathematics, Grade 2)

Making and Using Graphs

READING LEVEL: Grade 1 **INTEREST LEVEL:** Grades K-2

The *Making and Using Graphs* series teaches children important graphing skills. Every title in the K–2 Lightbox program is designed to inspire beginning readers to become independent readers. The titles promote literacy and fluency through a focus on key concepts and sight words. All sight and content words used in a title are listed for quick reference on page 24.

TITLES IN SERIES

Bar Graphs

Media Enhanced Book (MEB) ISBN: 978-1-5105-3614-2
MEB and Digital ISBN: 978-1-5105-4268-6

Graphing Story Problems

Media Enhanced Book (MEB) ISBN: 978-1-5105-3616-6
MEB and Digital ISBN: 978-1-5105-4269-3

Line Graphs

Media Enhanced Book (MEB) ISBN: 978-1-5105-3618-0
MEB and Digital ISBN: 978-1-5105-4270-9

Pictographs

Media Enhanced Book (MEB) ISBN: 978-1-5105-3620-3
MEB and Digital ISBN: 978-1-5105-4271-6

Pie Graphs

Media Enhanced Book (MEB) ISBN: 978-1-5105-3622-7
MEB and Digital ISBN: 978-1-5105-4272-3

Tally Charts

Media Enhanced Book (MEB) ISBN: 978-1-5105-3624-1
MEB and Digital ISBN: 978-1-5105-4273-0

Making and Using Graphs set

Media Enhanced Books (MEB) ISBN: 978-1-5105-5044-5
MEB and Digital ISBN: 978-1-5105-5045-2

CURRICULUM CORRELATIONS

NATIONAL STANDARDS CURRICULUM CORRELATIONS

Common Core State Standards (CCSS)

Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.

(MD.B - Kindergarten, Standard 3)

Organize, represent, and interpret data with up to three categories; ask and answer questions about the total number of data points, how many in each category, and how many more or less are in one category than in another.

(MD.C - Grade 1, Standard 4)

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS FOR MATH

Number and operations. The student applies mathematical process standards to represent and compare whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.

(§111.3. Mathematics, Grade 1)

Number and operations. The student applies mathematical process standards to analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.

(§111.3. Mathematics, Grade 1)