

Unit 6 Measurement

Content Area: **Mathematics**
Course(s):
Time Period: **Generic Time Period**
Length: **4 weeks**
Status: **Published**

Standards

MA.K.K.MD.A.2	Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference.
LA.K.RF.K.3.A	Demonstrate basic knowledge of one-to-one letter-sound correspondences by producing many of the most frequently used sounds of each consonant.
LA.K.RF.K.1.A	Follow words from left to right, top to bottom, and page by page.
LA.K.RF.K.3.C	Read high-frequency and sight words with automaticity.
LA.K.RF.K.1.B	Recognize that spoken words are represented in written language by specific sequences of letters.
LA.K.SL.K.1.A	Follow agreed-upon norms for discussions (e.g., listening to others with care and taking turns speaking about the topics and texts under discussion).
LA.K.SL.K.1.B	Continue a conversation through multiple exchanges.
MA.K.K.OA.A.5	Demonstrate fluency for addition and subtraction within 5.
MA.K.K.MD.B	Classify objects and count the number of objects in each category.
LA.K.SL.K.2	Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.
LA.K.SL.K.3	Ask and answer questions in order to seek help, get information, or clarify something that is not understood.
LA.K.RF.K.4.A	Read emergent-readers with purpose and understanding.
LA.K.SL.K.4	Describe familiar people, places, things, and events and, with prompting and support, provide additional detail.
MA.K.K.MD.B.3	Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.
LA.K.SL.K.5	Add drawings or other visual displays to descriptions as desired to provide additional detail.
LA.K.L.K.5.C	Identify real-life connections between words and their use (e.g., note places at school that are colorful).
PFL.9.1.4.A.1	Explain the difference between a career and a job, and identify various jobs in the community and the related earnings.
LA.K.SL.K.6	Speak audibly and express thoughts, feelings, and ideas clearly.
LA.K.L.K.6	Use words and phrases acquired through conversations, reading and being read to, and responding to texts.
LA.K.RF.K.1.C	Understand that words are separated by spaces in print.
CAEP.9.2.4.A.4	Explain why knowledge and skills acquired in the elementary grades lay the foundation for future academic and career success.
LA.K.RI.K.1	With prompting and support, ask and answer questions about key details in a text.
LA.K.RL.K.1	With prompting and support, ask and answer questions about key details in a text

	(e.g., who, what, where, when, why, how).
MA.K.K.NBT.A	Work with numbers 11–19 to gain foundations for place value.
LA.K.RI.K.7	With prompting and support, describe the relationship between illustrations and the text in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).
LA.K.RL.K.3	With prompting and support, identify characters, settings, and major events in a story.
MA.K.K.MD.A	Describe and compare measurable attributes.
MA.K.K.CC.A	Know number names and the count sequence.
LA.K.RI.K.10	Actively engage in group reading activities with purpose and understanding.
LA.K.RL.K.4	Ask and answer questions about unknown words in a text.
SCI.K-2.5.2.2.A.a	Living and nonliving things are made of parts and can be described in terms of the materials of which they are made and their physical properties.
SCI.K-2.5.2.2.B.1	Generate accurate data and organize arguments to show that not all substances respond the same way when heated or cooled, using common materials, such as shortening or candle wax.
SCI.K-2.5.3.2.A.a	Living organisms: Exchange nutrients and water with the environment. Reproduce. Grow and develop in a predictable manner.
SCI.K-2.5.3.2.B.a	A source of energy is needed for all organisms to stay alive and grow. Both plants and animals need to take in water, and animals need to take in food. Plants need light.
SCI.K-2.5.3.2.B.1	Describe the requirements for the care of plants and animals related to meeting their energy needs.
SCI.K-2.5.3.2.B.c	Most plants have roots to get water and leaves to gather sunlight.
SCI.K-2.5.3.2.B.3	Explain that most plants get water from soil through their roots and gather light through their leaves.
MA.K.K.MD.A.1	Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.

Essential Questions

How can you describe several ways to measure an object?

What can be measured?

How can we compare lengths of objects?

How can comparing objects help to measure them?

What careers use measuring as part of the job?

What can I use to measure with?

Student Learning Objectives

Math Objectives

SWBAT directly compare the length of two objects.

SWBAT directly compare the height of two objects.

SWBAT solve problems by using the strategy draw a picture.

SWBAT directly compare the weight of two objects.

SWBAT describe several measurable attributes of a single object.

ELA Objectives

SWBAT identify sight words.

SWBAT identify that sentences begin with an uppercase letter and end with punctuation.

SWBAT answer questions with prompts.

Science Objectives

SWBAT describe the life cycle of a plant.

Materials

Achieve the Core:

<http://achievethecore.org/page/2853/go-math-k-5-guidance-documents>

Student Edition Chap 11

Teacher Edition Chap 11

Chapter Resources-School-Home Letter, Reteach and Enrich pages

Grab N Go Center Kit

Math on the Spot Video

Animated Math Models

iTools

Thinkcentral.com

manipulatives

Activities

Show What you know

Game-Connecting Cube Challenge

Vocabulary Game- Measurement

Vocabulary builder

Vocabulary reader- Plants all Around

Journal page

On line Project-How Tall Am I?

Lesson-5 E's:Engage, Explain, Explore, Elaborate, Evaluate

- 11.1-Compare Lengths
- 11.2-Compare Heights
- 11.3-Problem Solving- Direct Comparison
- mid-chapter check point
- 11.4-Compare Weights

- 11.5-Length, Height and Weight

Quick check

Groups

Practice and Homework pages

Assessment

Show what you know

Diagnostic Interview Task

Digital Personal Math trainer

Lesson quick check

Mid-Chapter checkpoint

Chapter Review/Test

Chapter Test

Performance Assessment Task

Fact Fluency

Games-Student Edition

Fluency Standard Lessons-Student Edition

Fluency Builder-Teacher Edition

Strategies and Practices for Skills and Facts Fluency

Teacher Resource Book

HMH Mega Math

Personal Math Trainer: Standards Quizzes

Animated Math Models

Manipulatives

Calendar time

Accommodations and Modifications

Personal Math trainer

Intervention Options

- on-level
- strategic
- intensive

Reteach pages

Enrich pages

Grab and Go Differentiated Centers kit

- independent activities

ELL strategies

Math on the Spot

Advanced learners activities

Leveled quizzes and tests

Leveled performance tasks

Animated math model

