Grade 1	Math	Week 26
Lesson Title: Measurement		
Weekly Learning Targets: Students can estimate and measure length, capacity, weight, and temperature.		

AERO Common Core Learning Standards:

1.MD.1 - Order three objects by length; compare the lengths of two objects indirectly by using a third object.

1.MD.2 - Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps.

1.MD.4 - 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.

MONDAY

Daily Learning Target: Students can measure and determine the perimeter of an object.

Learning Tasks: (NOTE: The skill of measuring and computing the perimeter is not addressed in the 1st grade standards. Teachers can proceed with this lesson, as the skill is useful or use the time for additional review. Students should not be assessed on this particular skill.) The teacher can begin the class reviewing last week's lessons and previewing this week's lesson. The students can begin the class by watching this video about perimeter (SM A). After discussing the video and defining perimeter, the teacher can show the students how to find the perimeter of a shape on page 415 and invite the students to draw their own shape and do the same. Then, the teacher can lead students in guided practice on page 416. After, the students can complete page 417 and 418 independently.

Daily Formative Assessment: The teacher can check the students' work on page 415.

TUESDAY

Daily Learning Target: Students can compare and order objects based on volume.

Learning Tasks: (NOTE: The comparing and ordering the volume of containers is not addressed in the 1st grade standards. Teachers can proceed with this lesson, as the skill is useful or use the time for additional review. Students should not be assessed on this particular skill.) The teacher can begin the class reviewing yesterday's lesson. The students can begin the class by watching this video about capacity (SM B), or the teacher can do a demonstration with containers that hold different amounts using page 419. After discussing the video and defining capacity, the teacher can show the students how to order objects on page 420. After, the students can complete page 421 and 422 independently.

Daily Formative Assessment: The teacher can check the students' work on page 421 and 422.

WEDNESDAY

Daily Learning Target: Students can identify cups, pints, and quarts and estimate how much a container can hold.

Learning Tasks: **(**NOTE: The comparing and ordering the volume of containers is not addressed in the 1st grade standards. Teachers can proceed with this lesson, as the skill is useful or use the time for additional review. Students should not be assessed on this particular skill.) The teacher can begin the class reviewing yesterday's lesson. The students can watch this video about cups, pints, and quarts (SM C), or the teacher can do a demonstration with containers that hold the different units using page 423. After discussing the video and defining capacity, the teacher can show the students how to order objects on page 420. After, the students can complete page 421 and 422 independently.

Daily Formative Assessment: The teacher can check the students' work on page 421 and 422.

THURSDAY

Daily Learning Target: Students can compare the capacity of a liter to different containers

Learning Tasks: *(*NOTE: The comparing and identifying the capacity of a liter is not addressed in the 1st grade standards. Teachers can proceed with this lesson, as the skill is useful or use the time for additional review. Students should not be assessed on this particular skill.) The teacher can begin the class reviewing yesterday's lesson. The students can watch this video about liters (SM D), or the teacher can do a demonstration with containers that hold more or less than 1 liter on page 427. After discussing the video and identifying a liter, the teacher can show the students how to compare objects to a liter on page 428. After, the students can complete page 429 and 430 independently.

Daily Formative Assessment: The teacher can check the students' work on page 429 and 430.

FRIDAY

Daily Learning Target: Students can use a balance scale to compare and order the weight of objects.

Learning Tasks: (NOTE: The comparing and ordering the weight of an object is not addressed in the 1st grade standards. Teachers can proceed with this lesson, as the skill is useful or use the time for additional review. Students should not be assessed on this particular skill.) The teacher can begin the class reviewing yesterday's lesson. The teacher can show or create a balance scale. (SM E.) Then, the teacher can demonstrate how to use the scale and determine the heaviest and lightest item on page 431. Following, the teacher can do the guided practice with the students on page 432. After, the students can complete page 433 and 434 independently.

Daily Formative Assessment: The teacher can check the students' work on page 433 and 434.

Grade 1 – Math – Week 26	**MATERIALS / RESOURCES**

pencil, containers, 1 liter container, cups, pints, quarts, balance scale, activity materials.

A – Perimeter Video - https://jr.brainpop.com/math/measurement/perimeter/

B – Basics of Capacity - https://www.youtube.com/watch?v=TkXxn0bJ4r0

C – Cups, Pints, Quarts, Gallons Video - https://jr.brainpop.com/math/measurement/cupspintsquartsgallons/

D – Liters and Milliliters Video- https://jr.brainpop.com/math/measurement/millilitersandliters/

E – Creating a Balance Scale- https://www.youtube.com/watch?v=ovWWN01fw5s

Additional Resources

Perimeter Activity - https://www.teacherspayteachers.com/Product/Perimeter-Scoot-2467627

Capacity Sort ($) - https://www.teacherspayteachers.com/Product/Grades-1-2-Mass-and-Capacity-Activity-Packet-1753004

Cups, Pints, and Quarts Online Game- https://pbskids.org/lunchlab/games/escape-from-greasy-world?level=4