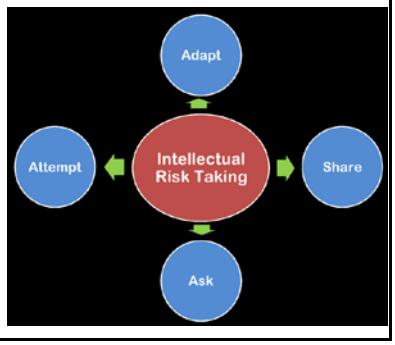
Second Grade Mathematics Newsletter

Marking Period 3, Part 1

MT	Learning Goals by Measurement Topic (MT) Students will be able to . . .
Operations and Algebraic Thinking	• apply strategies to add and subtract all 1-digit numbers accurately, efficiently, and flexibly. • apply addition and subtraction strategies to solve one- and two-step word problems. • write equations to solve one- and two-step word problems.
Measurement and Data	• measure the length of an object using appropriate tools (rulers, yardsticks, meter sticks, and measuring tapes). • measure and compare the lengths of objects using different standard units (centimeters, meters, inches, and feet). • solve addition and subtraction word problems involving measurement. • estimate length using standard units (centimeters, meters, inches, and feet). • represent whole numbers on a 1–100 number line using equal spaces between the numbers. • create a line plot to represent data of objects measured.

It is essential for students in Grade 2 math to know all addition and subtraction facts within 20 by the end of the year.

	Thinking and Academic Success Skills (TASS)	
	It is…	In mathematics, students will . . .
Flexibility	being open and responsive to new and diverse ideas and strategies and moving freely among them.	• extend knowledge of number lines to understand measurement. • **estimate** lengths to determine the appropriate measurement tool. • choose addition and subtraction strategies to solve word problems involving measurement.  Being open to new ideas
Intellectual Risk Taking	accepting uncertainty or challenging the norm to reach a goal.	• use feedback to select the most appropriate tools to measure objects. • ask and answer questions in order to solve measurement problems. • attempt new strategies to solve word problems. • work with a peer to correct errors and modify strategies to solve problems. 

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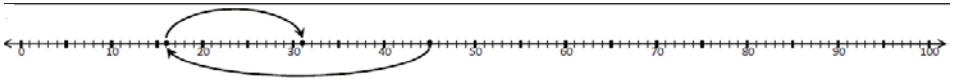
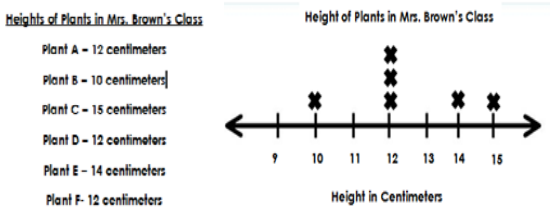
Marking Period 3, Part 1

Learning Experiences by Measurement Topic (MT)

MT	In school, your child will . . .	At home, your child can . . .
Operations and Algebraic Thinking	• add and subtract (within 100) to solve two-step word problems. 45 riders are on the train at Wheaton. At Forest Glen, 29 riders get off. At Silver Spring, 15 riders get on. How many riders are on the train? 	• create a math game: - draw pictures of objects on paper or flash cards up to the number 10. - pick two cards, decide whether to add or subtract, and create a number sentence. - create word problems to match the number sentences. Websites to support learning: - http://www.mathplayground.com/TB_AS/tb_as5_iFrame.html - http://www.aplusmath.com/Flashcards/index.html
Measurement and Data	• use addition and subtraction to solve word problems involving lengths. • use standard units (centimeters, meters, inches, and feet) and nonstandard units (paperclips, thumb, pencils, etc.) to measure the length of objects. • **estimate** and measure length using appropriate measurement tools. • make a line plot showing length measurements. 	• measure the arm span of members of your family and create a line plot. • use paper clips, safety pins, or Legos to create a measurement tool to measure length of objects. Tell how the measurement tool was used.   Websites to support learning: - http://jmathpage.com/JIMSMeasurementpage.html - http://mrnussbaum.com/measurement-workshop/

Glossary	
	estimate: to make a close guess of the actual value with some thought or calculation involved

CONTINUE TO PRACTICE ADDITION AND SUBTRACTION FACTS!

Created by MCPS Teachers at the C 2.0 Summit 2013