Milton Terrace North Elementary School
Math Homework Helper for Parents

Dear Second Grade Families,

   The home-school partnership is very important to us all. We are thankful for the support and guidance you give your child each evening as they complete their homework.

   We recognize that the math standards contain an abundance of new vocabulary, concepts, and unfamiliar models and strategies. Below, you will find many resources to assist your child in mastering the math standards and completing homework.

   We hope that you find these resources to be useful. Thank you again for your support!

                                        MTN Second Grade Team

Please keep in mind the following when helping your child with math homework:
- Math homework should be completed in pencil.
- Provide your child with the support he/she needs while encouraging independence.
- If homework is taking a long time and your child experiences frustration, please contact your child's teacher.

For access to the Student Edition, e-glossary, and re-teach pages please click the resource name above, or visit the "Homework Helper Guide" link on the MTN website.

For additional FUN fact fluency practice please have your child log into XtraMath.org using their given username and password.

Chapter 9: Length in Metric Units

Included in this resource are "I Can" Statements, vocabulary words, and key phrases. To see the strategies used in this chapter, refer to the "Re-Teach" page that corresponds to each lesson number. "I Can" statements are the State Standards written in "kid-friendly" language to help your child understand the lesson's objective.

Chapter Vocabulary
 • **centimeter:** a unit of length in the metric system of measurement • **meter:** a unit of length or distance in the metric system of measurement; 1 meter = 100 centimeters

Lesson 9.1- Hands On: Measure with a Centimeter Model	Lesson 9.2- Estimate Lengths in Centimeters
Essential Question: How do you use a centimeter model to measure the lengths of objects? **"I Can" Statement:** I can use different tools to measure objects (centimeter cubes).	**Essential Question:** How do you use known lengths to estimate unknown lengths? **"I Can" Statement:** I can estimate the lengths of objects using centimeters.
Lesson 8.3- Estimate Lengths in Inches	Lesson 8.4- Hands On: Measure with an Inch Ruler
Essential Question: How do you estimate the lengths of objects in inches? **"I Can" Statement:** I can estimate the lengths of objects using inches.	**Essential Question:** How do you choose coins to show a money amount in different ways? **"I Can" Statement:** I can use different tools to measure objects (inch ruler).
Lesson 8.5- Problem Solving: Add and Subtract in Inches	Lesson 8.6- Hands On: Measure in Inches and Feet
Essential Question: How can drawing a diagram help when solving problems about length? **"I Can" Statement:** I can use addition and subtraction to solve measurement word problems. I can use drawings or number sentences to solve word problems involving length.	**Essential Question:** Why is measuring in feet different from measuring in inches? **"I Can" Statement:** I can measure the length of an object using two different units of measurement such as inches and feet.

Lesson 8.7- Estimate Lengths in Feet **Essential Question**: How do you estimate the lengths of objects in feet? **"I Can" Statement**: I can estimate the lengths of objects using feet.	**Lesson 8.8- Choose a Tool** **Essential Question**: How do you choose a measuring tool to use when measuring lengths? **"I Can" Statement**: I can measure the length of an object by choosing the correct tool.
Lesson 8.9- Display Measurement Data **Essential Question**: How can a line plot be used to show measurement data? **"I Can" Statement**: I can measure objects and use the data to make a line plot.	