

Name: _____

Fourth Grade Measurement Project

Tic-Tac-Toe Math Menu

Circle the boxes you plan to complete. They should form a vertical or horizontal tic-tac-toe. **All products are due by FRIDAY, Nov. 22.** If you will not be at school that day, the products must be submitted in advance. A product, unless otherwise specified, can be a poster, flipbook, slideshow, labeled diagram, etc. It can be created using technology or art supplies. If you aren't sure, just ask!

<p>Create a product to show other students how to find the perimeter of many different shapes and figures. Give examples of when you would need to know the perimeter of something in real life.</p>	<p>Make a collage or chart using your own illustrations or magazine pictures, etc. that shows examples of things you would measure and the appropriate tool and unit of measure.</p>	<p>Design a maze. Write the directions for completing the maze successfully using measurements to the nearest quarter inch.</p>
<p>Cut five different lengths of yarn or string. Attach them to construction paper and measure them. Label them with measurements to the nearest inch, half inch, and quarter inch for each string.</p>	<p>Write and illustrate a short children's book. Use a measuring cup as the main character who teaches children how to measure capacity. Be creative!</p>	<p>Find objects of different sizes and weights. Using a kitchen scale, weigh the objects. Then create a product that shows the items you weighed and their weight in ounces and pounds.</p>
<p>Find at least six items your bedroom or kitchen. Create a chart to show your estimate and their length in inches and centimeters. Write a paragraph about the accuracy of your estimates.</p>	<p>Make a Memory Game for students to match units of measure to appropriate items. The card game must have at least 12 cards. This should include length, capacity, and weight.</p>	<p>Create a song with matching movements to help classmates learn when you would use different units of measurement. Be prepared to perform and teach this song and movements!</p>