



stem4math

Measuring tool



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Engage

Measuring outside

Long distance measurements. For example: Sport tracks, house, car, etc.

What did you measure?	What was the measuring tool?	Result

Short distance measurements. For example: Door, window, stone...

What did you measure?	What was the measuring tool?	Result





Investigate

Measuring inside

Choose one object to measure with different kinds of measuring tools. For example: rubber, pen, paper, rubber band, etc.

The object that we measured: _____

What was the measuring tool?	Result





Conclude

What was the best size for the measuring tool to take your measurements with?

What was a good material for a measuring tool?

What is a good shape for a measuring tool? Draw it.



Plan

My own measuring tool

DRAW A PICTURE OF THE MEASURING TOOL THAT YOU WILL BUILD!



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What materials will you need to build it?



Create

Build your own measuring tool based on your plan.

When finished building the measuring tool, hide the treasure that your teacher gives to you and prepare instructions/a map to help other groups find it. Here is an example you can use to prepare the instructions.

Starting point: Classroom door
1. Walk 15 units away from the classroom
2. Turn right
3. Walk 25 units in a straight line
4. Turn left
5. Walk 50 units in a straight line
6. Look down and you find the treasure!
7.



Starting point:

1.

2.

3.

4.

5.

6.

7.



Investigate



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