

Center Student Worksheet

What's the Smallest Thing You Know?

Materials

Station 1- Crayons, markers
 Station 2- Size Sorting Cards
 Station 3-3.5 meter long string
 Station 4-Inch/centimeter/
 nanometer ruler
 Station 5-Inch/centimeter/
 nanometer ruler
 Station 6-crayons, markers

Introduction to lesson

Measuring an object or assigning a numerical value to the length or height of an object allows you to compare one object's size to another object's size. Starting with station 1 you will use the material in each pocket to complete the instructions included with the station. Include answer on your worksheet when instructed to do so.

Procedure:

Station1:

Smallest Object	Largest Object
Name of object	Name of object

Station 2:

Largest Object to Smallest Object

_____, _____, _____, _____, _____, _____,

Question 3: Which object is smaller than bacteria? _____

Which object(s) is/are larger than the pygmy shrew _____

Station 3:

What is something that would be the same size as an elephant? _____

Would you be able to get an elephant in your classroom? _____ Why or why not? _____

What was the smallest object in your cards? _____

Can you find this object in your classroom? _____ If so where? _____

Station 4:

Draw a line 3 inches long below:

What is an object in your classroom that would be the same size as the line you just drew? _____

Length of the line you drew in centimeters _____ and nanometers _____.

Station 5:

Object 1 name _____ Length _____

Object 2 name _____ Length _____

Object 3 name _____ Length _____

Object 4 name _____ Length _____

Why did you measure these objects using the measurement that you did (inches, centimeters, or nanometers)? _____

Station 6:

Smallest Object	Largest Object
Name of object	Name of object