

Instructions for Center

Station 1

1. Using the material in this pocket, draw the smallest and largest object you can think of in the squares on your center worksheet.
2. Write the names of these two objects below the drawings.
3. Place materials that you used back in station 1 pocket

Station 2

1. Using the cards in this pocket, line the cards up from the largest object to the smallest object.
2. Write the names of the objects on your worksheet from largest to smallest.
3. Complete question 3 on your worksheet.
4. Place cards back in plastic bag and place in station 2 pocket.

Station 3

1. In the pocket is a piece of string. This string is 3.5 meters (11.5 feet) long. This is how high the African elephant is from the ground to the top of the shoulder. Unwind the string and lay it out on the floor. If there is not enough room in your classroom, go into the hall.
2. What would be something else that you know that would be the same as the height of an elephant?

Wind up the string and put back in the station 3 pocket.

3. What was the smallest object on the cards that you sorted in station 2? Can you find this object in your classroom? If so where?

Station 4

1. Using the ruler draw a line that is 3 inches long on your worksheet. This is the same size as the pygmy shrew.
2. Find an object in your classroom that would be the same size as the pygmy shrew. List it on your worksheet.
3. Measure the three inch line that you drew with the centimeter and nanometer parts of the ruler. List those measurements on your worksheet.

Station 5

1. Using the ruler provided find four objects in your classroom and measure them in either inches, centimeter, or nanometers. Write the object and its length on your worksheet.
2. Why did you decide to use the measurement (inches, centimeters, nanometers) that you used.

Station 6

1. Using the material in this pocket, draw the smallest and largest object you can think of in the squares on your worksheet.
2. Write the names of these two objects below the drawings.
3. Place the materials that you used back in station 6 pocket.
4. Turn your worksheet in to the teacher.

National Nanotechnology Infrastructure Network

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