

Middle School Science

Name:

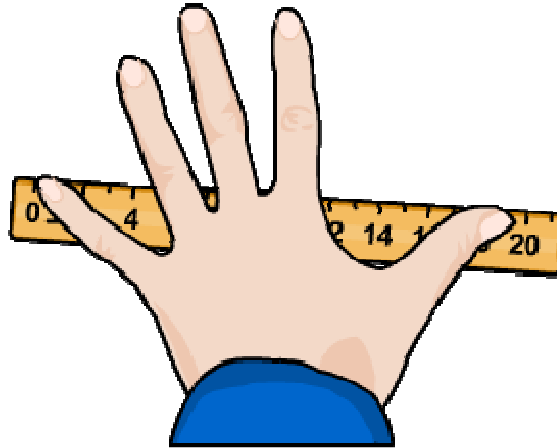
Date:

Types of Variation Worksheet

This worksheet accompanies slide 9 of *Types of Variation.ppt*

Is there variation within your class?
Complete the activities described below.

Your hand span width is the distance between the end of your thumb and the end of your little finger when you stretch your hand open as far as possible.



Measure your hand span width and write it here: mm

Now collect the span widths for every student in your class. Write them in the boxes below.

Now figure out how many students there are in each of the following groups using tally marks:

hand span width (mm)	no. of students
100–120	
121–140	
141–160	
161–180	
181–200	
201–210	
211–220	

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1. Now plot these data as a frequency graph.

2. What does your graph show?

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3. Is hand span width a continuous or discontinuous characteristic?

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4. What factors affect your hand span width?

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