

Name _____ Date _____ Hour _____

Are You Symmetrical?

Investigative Question: How close do the measurements of people's height compare to their arm span?

Hypothesis:

Materials:

- meter stick
- metric tape measure
- butcher paper

Procedure:

1. Measure the height of the test subjects.
 - Tape two meter sticks to the wall. The zero end of the meter stick should be at the bottom.
 - Test subjects should remove their shoes.
 - Test subjects should stand straight against the wall with their chin up and eyes forward.
 - Place a ruler perpendicular against the meter stick, touching the subject's head.
 - Measure the height to the closest centimeter.
2. Measure the arm span of the test subjects
 - Place a piece of butcher paper on the wall.
 - The subjects should stand flat against the butcher paper and the wall.
 - The arms should extend perpendicular to the body.
 - Place a pencil mark on the paper at the edge of the middle finger of the subject's left hand.
 - Repeat with the subject's right hand.
 - Record the subject's initials next to both marks.
 - Measure the distance between the two marks to the nearest centimeter.
3. Record the measurements.
4. Share the data with the class.

IV:

DV:

Controls:

Data:

	Subject's Name	Arm Span in cm	Height in cm
1			
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