

SCIENCE LAB REPORT EXAMPLE

Name _____ Period _____ Date _____

Title of Lab Report (centered)

Ruler Drop Experiment

(Skip a line)

Problem:

(State the reason for doing this experiment? This should be written as a question.)

How many trials are necessary to be satisfied my results are meaningful? Can I measure meaningful differences in the reaction times between my right and left hands?

(Skip a line)

Hypothesis:

(Make an educated guess that answers the problem question in a complete sentence.)

The Students believe that by holding a ruler vertically just above the thumb and index finger (2.5cm horizontally apart) of the dominant hand , then releasing and recording the distance (cm) required to close to the top of the thumb and index finger to catch the ruler will measure the catchers reflexes. Further by reversing the catching hand a comparison can be made between dominant and off-hand.

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Materials:

(List the materials used in the lab in one column.)

Standard ruler with inch and cm scales (i.e. Agenda Book ruler)

Lab Journal (properly set up with numbered pages and table of contents)

Ink pen to record original data,

Procedure to evaluate data variation

Pencil to derived and calculate data

Calculator

(Skip a line)

Procedure:

(Number each step of the instructions on how to perform the lab.)

1. Pair up with lab partner

2. Gather supplies

3. Collect 16 ruler drop readings in cms for each lab partner's dominant hand in respective Lab Journals.

4. Collect 16 ruler drop readings in cms for each lab partner's off-hand in respective Lab Journals.

5. Determine variability of each set of data collected.

6. Compare data sets for individual's dominant and off hands.

7. Compare data sets for lab partner's corresponding data sets.

8. Compare data sets for classmates corresponding data sets.

9. Compare data sets for boy/girl corresponding data sets.

10. Make a graph/ chart to report observations.

11. Clean-up

(Skip a line)