



INQUIRY 2

Science 8 Calendar

September 2017

Mrs. Plyter plyter.com/science

Name _____

Period _____

Points:

Organization
Materials

Objective(s)

Inquiry Pretest

Class Inquiry
Class Chart

Personal

Daily Quizzes:

Practice Tests →
QuizLab
Write Score in
COLOR. Initial.

Tue _____

Wed _____

Thur _____

Fri _____

Total _____

Thursday

Friday

7

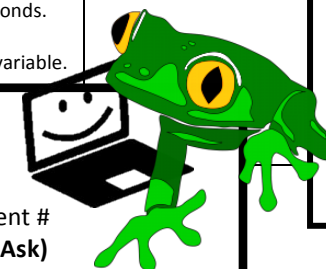
8

Variables: Fill in blanks.

- ___ 1. Inquiry must include **measurable** data That means the question can be answered using numbers.
- ___ 3. Your **DEPENDENT** Variable is the one that you are testing and recording. It is the one that **depends** on what you change in the experiment. Here it is the score in seconds.
- ___ 4. The **INDEPENDENT** Variable is the one you change, here it is the digit (thumb or finger) used.
- ___ 5. The **CONTROLLED** Variables are kept the same, such as the type of stop watch used, the environment and the setup. This might be noisy or quiet, sitting or standing and focused or not.
- ___ 6. Everyone is using a Chromebook which is one of the _____ variables
- ___ 7. We are measuring times for the thumb and the index finger. The digit used is the _____ variable.
- ___ 8. Our measures are in seconds. Time in seconds is the _____ variable.

Calendars are **DUE** the Last Day of the Week. Place your Calendar in your Class Folder before you leave class.

+ Optional:
Compare the use of the dominant hand to the non-dominant hand for Focus/Speed or "Time to Think"
1) How Fast?
2) Colour Balls2
3) Full Web Tetris (Ask)



5

6

Scientific Inquiry: Class Practice:

Class Problem/Question:
When using a stopwatch, is it more accurate to use the thumb or the index finger?

Procedures:

- ___ 1 This is a Class Inquiry so all follow the same Procedures.
- ___ 2. Use the online "How Fast? Stopwatch."
→ **BrainTrain** → How Fast?
- ___ 3. All testing should be done seated with a *Chromebook*.
- ___ 4. Record, on the back of this calendar, the total seconds for 10 trials for the person's thumb and then their index finger. Compute Averages.
- ___ 5. Carefully record data on the Class Chart in *Google Classroom*.

REPORT PROBLEMS!!

Finish
your
Inquiry Pretest

- ___ 1. Be sure you type your NAME and PERIOD #.
- ___ 2. Be sure it fits on 4 pages or less.
- ___ 3. Print to CMS 31 Printer.
Print Front & Back?
- ___ 4. **Staple and Hand in.**

FROM LAST WEEK:

INQUIRY Pretest:

Problem:

Compare the cohesion of water molecules to the cohesion of molecules of other liquids.

- ___ 1. Use the **Inquiry Scoring Guide** in *Google Classroom*.
(Ask if you need to print.)
- ___ 2. Read **Notes on last week' calendar**.
- ___ 3. Complete **ALL** of the requirements described under the 4's.

20+ _____

Central Science Home Page: www.plyter.com/science

Google Page → Google Classroom → Sign in. Class Code: be5upi

Practice Tests → [QuizLab](#) → Classword = plyter18 → Password = Your Student #

Brain Train → How Fast?

Colour Balls2

Full Web Tetris (Ask)



Write your Objective: _____

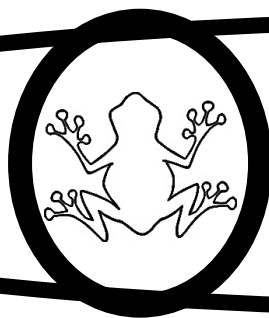
Class Problem/Question: When using a stopwatch, is it more accurate to use the thumb or the index finger?

DATA:

Stop Watch Data: Thumb or Index Finger?

Experimenters Name: (Your Name) _____

		Dominant Hand		Non Dominant Hand	
		Thumb	Index Finger	Thumb	Index Finger
Participant: (Student you test.)	Period	Total for 10 tries	Total for 10 tries	Total for 10 tries	Total for 10 tries
1					
2					
3					
4					
5					
Totals					
My Averages for my participants: <small>Average (mean) = total divided by number of numbers</small>					



OBJECTIVE:

I will demonstrate my ability to control variables & collect relevant (useable) data in a consistent & organized way by measuring & entering data in a personal & class chart.