



00:00:00.000

INQUIRY 3

SCIENCE 8

September 2018

Mrs. Plyter plyter.com/science

17

18

19

Name _____

Period _____

Thursday

Friday

20

21

**Points:
Objective**

← Variables

Online Scientific
Method: Tutorial

Cricket? (Extra)

Class Inquiry

Daily Quizzes:

Even Day?

- Work together at table.
- Agree before you submit.

Odd Day?

- Work by yourself at a table by yourself.
- One use your Lab Table.

Mon (Friday Makeup
on last week's Calendar)

Tue _____

Wed _____

Thur _____

Fri _____

Total _____

3 Variables to Know:

- __1) Controlled
- __2) Dependent
- __3) Independent

__1. First: Take **control**. **CONTROLLED Variables** are kept the same, such as the type of stopwatch used, the environment and the setup.

CONTROLLED Variables include noisy or _____ and sitting or _____.

__2. Second: What depends on what you do? Your **DEPENDENT Variable** is what you are recording. It is your data.

It **DEPENDS** on what you change in the experiment. Here it is the time in _____

__3. Third: What did you compare or change?. The **INDEPENDENT Variable** is the one you change or compare. Here it is the _____ & index finger.

AND::

__4. Inquiry must include **measureable** data. That means the question can be answered using _____.

__5. We are **measuring times** for the Thumb and Index Finger. The times are the _____ **variable**. Everyone is using a Chromebook, a _____ **variable**.

Online Scientific Method

Inquiry and Engineering →

Do the Tutorial in order. A Screen Check is Required.

__1) Tutorial _____

For Cricket, a Screen Check or Screen Shot of your Trophy Required

__2) Extra: Cricket _____



Class Inquiry:

__1) More or Less Accurate ?

Problem/Question:

If you are asked to time an important race with a stopwatch, should you use your thumb or your index finger?

Extra: Does it matter which hand?

Use:

- __1. The back of this Calendar.
- __2. "Stopwatch2" on the Tools Page
- __3. Google Classroom.

With Permission

2) Time to Think!

Problem/Question:

Compare the use of the dominant hand to the non-dominant hand for an activity that requires Focus and Speed or "Time to Think"

Use the online ColourBalls app, a chart like the one on the back & Google Classroom.

Calendars DUE
The Last Day of the Week.

In your Class Folder!

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

Inquiry and Engineering → Online Scientific Method: (Screen Check Required)

Tools → Stopwatch2

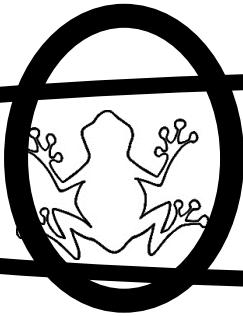
BrainTrain → ColourBalls

Google Page → Google Classroom → Sign in. Class Code: wpbz4cp

Practice Tests → My Gradebook-[QuizLab](#) → Classword = plyter19 → Password = Student #

Discovery Science User Name = 23LastFirstInitial Password = Student #





OBJECTIVE:

Write your Objective:

Write your Hypothesis/Prediction:

Your Name: _____ Period _____

I think that _____ will be _____ when _____

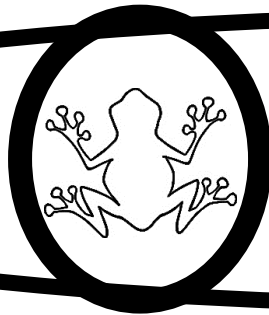
Your Data: (This is a generic chart. Use what you need.) Record your data here and then in your Class Chart in Google Classroom.

Your Conclusion: According to _____ and _____ data, I conclude that _____

Your Analysis: Explain, using data. Include errors. My data of _____ shows that _____.
My data _____ with class data. I found out that _____

An error was that _____

If I were to do this again, I should _____



OBJECTIVE:

I will demonstrate my ability to conduct scientific investigations as I **control variables**, collect **relevant (useable) data** and use **relevant data** for developing conclusions.