

## Agenda

- Friday quiz
- Measure a bean day 2
- Bell work check
- Class time for HW



## Bell Work



**ON YOUR DESK!!! CJ AND BELL WORK  
NOTEBOOK!!!!!!**

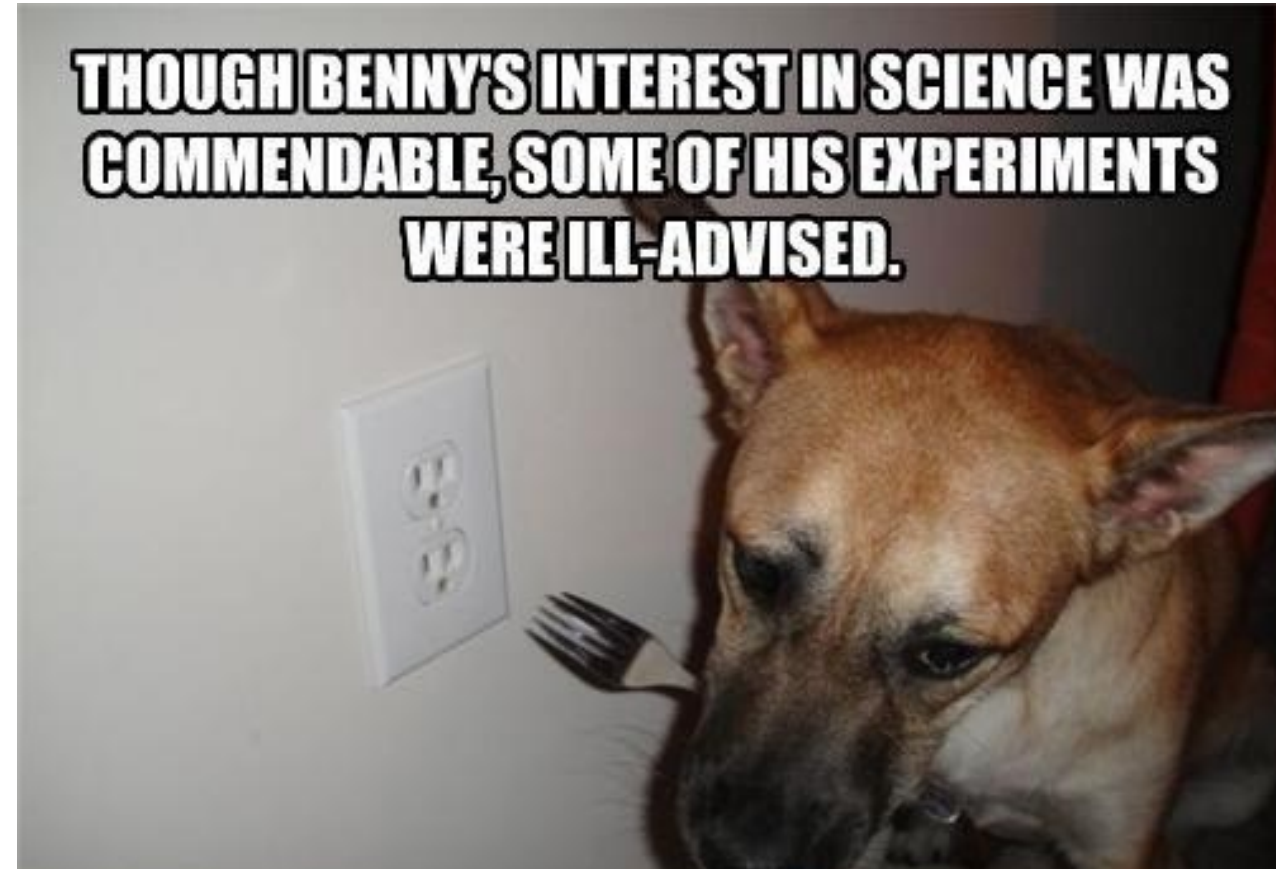
# Day two materials per lab group

1. Five beans in a paper cup
2. One classroom ruler
3. One beaker of water
4. One graduated cylinder
5. One paper towel
6. One electronic balance (shared among the entire class)



# Day two procedure

1. Remove the beans from the water and dry them off with a paper towel.
2. Measure the length and width of **each bean in mm** with a metric ruler.
3. Use beaker to fill a graduated cylinder to the 10 mL mark
4. Add **all 5 beans** to the graduated cylinder. To determine the volume of the beans, see how many mL the water raised. Don't forget to subtract the 10 mL you started with!
5. Dry your beans with a paper towel. Record the mass of **all 5 beans** using an electronic balance.
6. Discard your beans and paper cup in the trash
7. Return your lab equipment where you got it (**except ruler, beaker, and graduated cylinder!!!!**) and clean up your area.
8. Work on the day two lab questions.



5. Obtain the following items from the back table: 1 paper clip, 1 rock, and a penny. Perform the necessary procedure to obtain the following dimensions: mass (g), volume (mL), length (mm), and width (mm). Record your data in the table below (6 points):

<b>Item</b>	<b>Mass (g)</b>	<b>Volume (mL)</b>	<b>Length (mm)</b>	<b>Width (mm)</b>
<b>Paper clip</b>				
<b>Rock</b>				
<b>Penny</b>				

# Data tables

DATA TABLES (20 points, 10 points each)

	DAY ONE	
Bean #	Width (mm)	Length (mm)
1		
2		
3		
4		
5		
Mean		
Volume of all 5 beans (mL)		
Mass of all 5 beans (g)		

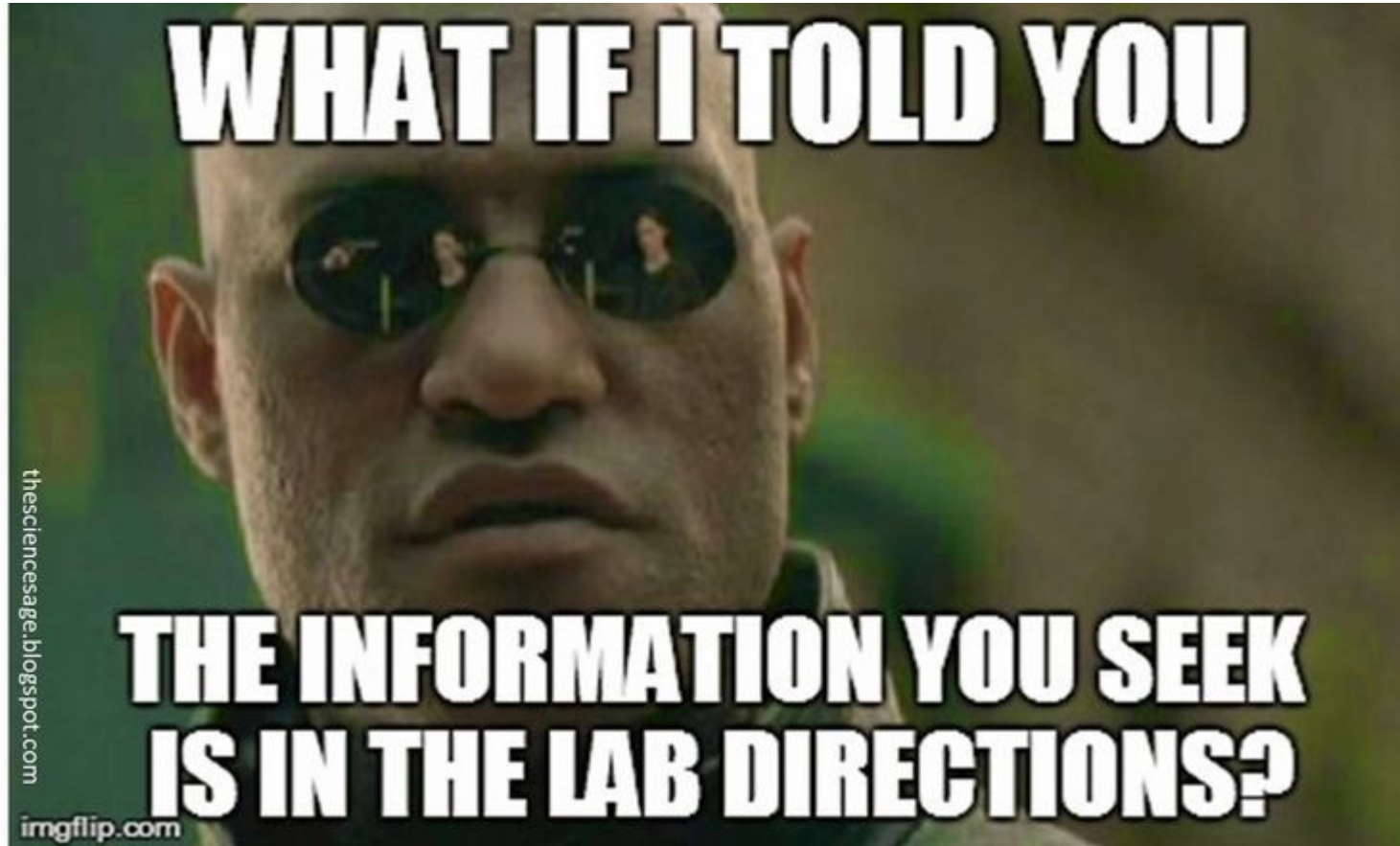
DAY TWO	
Width (mm)	Length (mm)

# How to use the electronic balance

1. Make sure the balance is on
2. Press the On/Zero button and wait until you see 0.0 on the screen
3. Place your beans on the balance
4. Be careful not to lean on the table
5. Record your data



READ THE DAY TWO PROCEDURE!!!!!!



**FINISHED WITH THE DAY**  
**2 QUESTIONS AND**  
**CLEANED UP???**

1. Work on your study guide
2. Metric system word searches
3. Quiet white board review

