



# Unit 0 Do Nows



# Welcome to Physics Essentials!

**Do Now:** What do you think of when you hear “physics”? Draw or write.



Write a procedure for entering Physics Ess class and starting your Do Now.



What are some traits of a good group member?



## DO NOW:


- Sit with you group members
- Introduce yourself
- Write down (on your Do Now sheet) your group members names, their favorite ice cream flavor and favorite movie



# Toilet Paper Testing Self Design Lab

- Jobs: Lab Leader, Material Manager, Data Recorder
- Question: As water is added to toilet paper, how is its strength affected?
- Material List (be specific)
- Diagram/Set Up (with labels)
- Procedure
- Data Table

## ***SAMPLE*** DATA TABLE



# of Droplets	<b>Trial 1</b> # of pennies	<b>Trial 2</b> # of pennies	<b>Average</b> # of pennies
5			
10			
15			
20			



## DO NOW:

- Sit with you group members
- What is your job for your group?
- What is your personal goal during the lab today? (ex. Not talk to other groups, be helpful, clean, etc.)



# Individual Reflection

- What did you contribute to the group?
- What did you accomplish today?
- What went well?
- What didn't went well?
- Are you collaboratively working, is one group member doing the majority of the work or did you split up tasks?

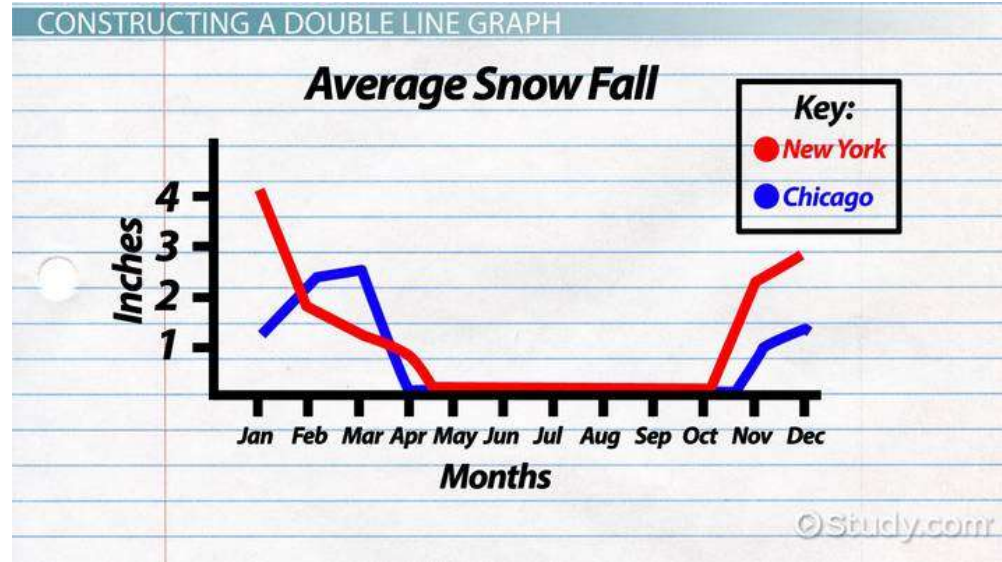


## DO NOW:

- Sit with you group members
- What are some different types of graphs?
- What do you need on a graph?

## DO NOW:

- Sit with your group members
- What is on the x axis of the graph to the right? Y axis?
- What can you **conclude** from this graph?





# Group and Individual TP Lab- DUE MONDAY

1. Title Page with Names and Lab Question
2. Materials, Diagram
3. Procedure
4. Data Tables
5. Graphs

Individual Portion (typed or written out. 3+ sentences for each)m

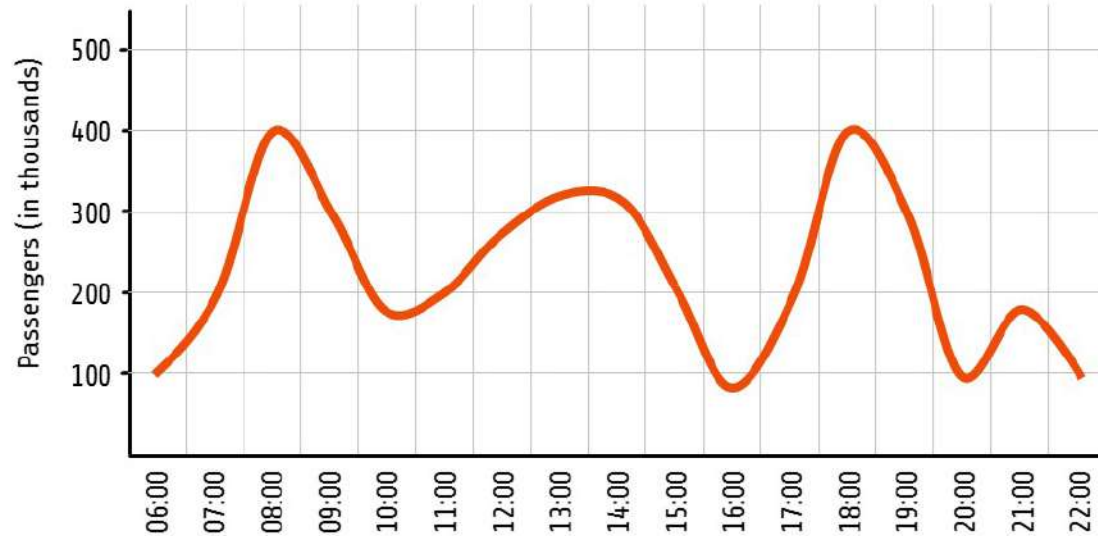
1. What does each of your graphs tell you?
2. Which TP was the strongest? Why?
3. What TP was the weakest? Why?
4. What was your job in the group? What did you contribute to the group?
5. Strengths as a group member? Weaknesses?
6. Did you work well as a team? Why or why not?
7. What is one goal for yourself working as a team? Why?

Monday,  
September 17th

What are 3  
conclusions you  
can make from  
this graph?



Daily passenger numbers on the London Underground,  
Summer 2011





# Group and Individual TP Lab- **Due End of Class**

Group Lab Storybook (on White Copy Paper/Graph)

Turned into Mrs. Wentzloff stapled together

1. Title Page with Names and Lab Question
2. Materials, Diagram
3. Procedure
4. Data Tables
5. Graphs

Individual Portion (typed or written out. 3+ sentences for each)- turned in on Google Classroom

1. What does each of your graphs tell you?
2. Which TP was the strongest? Why?
3. What TP was the weakest? Why?
4. What was your job in the group? What did you contribute to the group?
5. Strengths as a group member? Weaknesses?
6. Did you work well as a team? Why or why not?
7. What is one goal for yourself working as a team? Why?



# PBL Groups

Group 1: Caleb, Isaiah, Briana, Elaina

Group 2: Lazaria, MJ, Jared, Isabella

Group 3: Bree, Shamyra, Rolin, Jamiere, Troy

Group 4: Zion, Amari, Daveyonna, Tyler

Group 5: Kamaria, Josh, Kayden, Jhoana

Group 6: Jesse, Keniah, Joe, Yahir