

# Friday, September 6, 2019: Day 1

## Write In Your Agenda

### CLASSWORK:

- Speed & Velocity and Newton's Laws of Motion Quiz.
- Finish Marble Drop Lab (due by end of period).
- Newton's Laws Color-by-Numbers (if time).

### HOMEWORK:

- Have Monitoring Log completed and signed.
- Marble Drop Lab (if not finished).

### Warm-Up Prompt:

What are 3 types of non-contact forces?

### You will need:

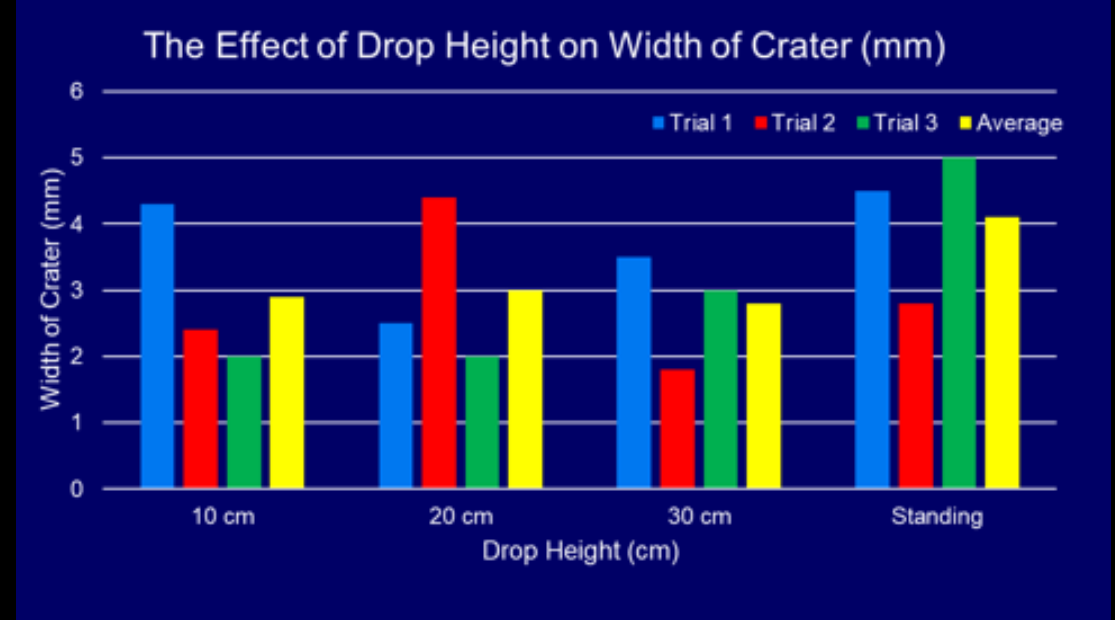
- Pencil, Agenda,
- Binder and/or Folder,
- Monitoring Log (Yellow),
- Privacy Booth.

### Hand in:

- Last Week's Monitoring Log.
- Acceleration Lab Sheet.

## After the quiz:

- \* Hand in quiz.
- \* Leave privacy folder up.
- \* Finish Marble Drop Lab.
- \* Newton's Laws  
Color-by-Number.
- \* No talking or whispering!



Sample conclusion:

The **problem in this experiment** was “What is the effect of convection currents on movement of the earth’s plates?”. The **major findings included** that a current was created from the hotter area towards the cooler area and the plates moved with the current. The **hypothesis was** supported **because** it predicted that the plates would move along with the currents. **Based on the results, the hypothesis** remains: “If convection currents occur in the asthenosphere below the lithospheric plates, then the plates will move in the direction of the current because of the current’s force.”.

# Learning Goal and Scale

*TSW be able to understand the basics of motion of an object including:*

- *Newton's Three Laws of Motion*
- *Forces*
- *Speed and Velocity*
- *Acceleration*

Scale	
4- I really know it!	I understand the information and ideas. I can connect this to my own life and other subjects beyond what I learned in class. I can teach it.
3- I know it.	I understand all the information and ideas. I feel confident in what I know and will do well on a quiz or test.
2- I know most of it.	I understand the easier parts, but don't understand some of the more difficult information or ideas.
1- I know some of it.	I need more support and help to really understand a lot of the information or ideas.
5- I don't know any of it.	