



8th Science: Amplify

Unit 1

Reviewing Mass, Force, and Velocity

Mr. Sumner
Sept 25, 2019



Do Now

5:00

- Expectations, **ALL SILENT (VL = 0)**
 - Grab packet from green bin
 - Go to assigned seat
 - Put backpack on desk hook
 - Work on **Do Now** questions

Do Now

Give an example of an object that would be difficult to change the velocity of. **Complete sents.**

Give an example of an object that would easily change velocity. **Complete sents.**

Do Now: Turn and Talk



- Topic:

Do Now

Give an example of an object that would be difficult to change the velocity of. **Complete sents.**

Give an example of an object that would easily change velocity. **Complete sents.**

- Expectations

- ***Turn your shoulders to partner***
- Make eye contact
- Stay on topic!
- Longer first name goes first (go to last if tie)

*****Cold calling 2+ for share out after*****

Today's Objective

- I can use data from my simulation to create a CER that proves the relationship between force, mass, and change in velocity.

Today's Schedule

1. Demo
2. Simulation
3. Analyze Data

Demo

- VL = 0, raise hand to participate/ask questions
- Be ready to answer questions about SIM

Key Takeaways

- How do I prepare and exert a force?
- How do I find the information for my tables?
- How do I change between missions?

Simulation

10:00

- VL = 1.5 (quiet table talk)
- Working independently or with table partner
- Go to mistersumner.weebly.com then
- **Before** asking Mr. Sumner question:
 - Read **AND** follow instructions
 - **THEN** ask table partner
- Going over CER in 10 min.

Wednesday, September 25: Link

1) Purple Missions Simulation LINK

Analyze Data (CER)

- Criteria for a 4

Criteria	Did they meet? Yes or No
Student picked the claim which proved the correct relationship between the mass of an object and the amount of force required to change its velocity.	
Student gave appropriate evidence from the simulation missions that supported the claim.	
Student connected their claim to their evidence in the reasoning section.	

- When done with CER *raise hand* for feedback

✓ = good keep going

○ = use feedback to fix

2 +'s and 1 Δ

+'s	Δ