

Electrostatics

Electrostatics

- Day 1
 - Mech NRG 20Q analysis
 - Electrostatics
 - Basics of electric charge and charging
 - Balloons!
 - HWK: Review Sheet A-E, J-M; Wkst #1-5

Electrostatics

- Day 2 of 4
 - Daily Question
 - Coulomb's Law
 - Stuck on You!
 - Using charged balloons and various other items
 - Do not write on the lab sheets
 - Homework: Review Sheet F-I

Electrostatics

- Day 3

- Daily Question

- Static discharge

- Video Samples of electrostatics

- Electric fields

- Lightning

- Electric shielding

- Voltage

- Homework: Finish Review Sheet

Electrostatics

- Day 4

- Class discussion

- Electric shielding and electric fields
- Electric potential energy and voltage

- On your own

- Practice Electric potential calculations #6 & 7
- Review for Electrostatics mini-quiz
- Use Blue book Chapters 32 and 33 as resource

- Electrostatics mini-quiz (last 20 min)

- Hwk: Electric Current key terms