

Rio Americano High School Physics

PHY.06 Electrostatics

[12/20/17]

1. T 1/9 – Cosmos: A Personal Voyage

__ Episode VI: *Travellers' Tales*

__ Prelab: Charge It

2. W 1/10 – Electrostatics Lab

__ Lab: Charge It I

3. r 1/11 - Electrostatics Lab

__ Lab: Charge It I > Charge It II

4. F 1/12 - Electrostatics Lab

__ Lab: Charge It II

__ Complete Q&P < > Due _____

5. T 1/16 – Post Lab / Charge / Polarization

__ Read Guide: Electrostatic Charge

__ Read Guide: Getting a Charge

__ Complete Job: Be Franklin for a Day

__ Complete Job: Balanced Charges 1

__ Complete Q&P < > Due _____

6. W 1/17 – Lightning

__ Discovery - Raging Planet: *Lightning!*

__ Complete Q&P < > Due _____

7. r 1/18 – Coulomb's Law

__ Read Guide: Coulomb's Law

__ Springboard: Coulomb's Law

__ PhysExamples: Electricity

__ Complete Q&P < > Due _____

8. F 1/19 – PhET Electrostatics Sim

__ John Travoltage in "Greased Lightning"

__ Complete Q&P < > Due _____

9. M 1/22 – Van de Graaff Generator

__ Demonstration: Charging Ahead

__ Complete Job: Balanced Charges 2

__ Complete Q&P < > Due _____

10. T 1/23 – The Electric Field

__ Springboard: Fields

__ Read Guide: Electric Fields

__ Complete Job: Field Plots

__ Complete Q&P < > Due _____

11. W 1/24 – Electric Field Hockey

__ Competition: Electric Field Hockey

12. r 1/25 – Conceptual Physics Alive

__ CPA: *Electrostatics*

__ Homework Return

13. F 1/26 – Unit Test PHY.06: Electrostatic

Notice the small underline preceding each item on the schedule? Check it when you've completed the item. Do that on each unit schedule.

Guides are available at phys.org.

Conceptual Physics Textbook: Chapter 32 (Electrostatics and Coulomb's Law), 33 (Fields)
Hewitt Drew It! YouTube: (See <http://phys.org/hewittdrewit>) ELECTRICITY AND MAGNETISM: Electrostatics.

Notes: New semester = Fresh start!

ExploratoRio is scheduled for Open House Day/Night: Wednesday, April 4. It's the biggest CTF opportunity of the year. Mark your calendar. More information will follow soon!