

Rio Americano High School Conceptual Physics

CP.10 Electrostatics [Chapter 32]

[7/23/17]

1. W 1/31 – Electrical Forces and Charges & Conservation of Charge

- __Read §32.1 Electrical Forces and Charges
- __Answer q. 1, 2, 3, 4, 5, 6, 7
- __Read §32.2 Conservation of Charge
- __Answer q. 8, 9, 10

2. r 2/1 – Coulomb’s Law

- __Read §32.3 Coulomb’s Law
- __Answer q. 11, 12, 13, 27, 28, 43, 45
- __Hewitt Drew It 88. Coulomb’s Law

3. F 2/2 – Discover Channel: Raging Planet

- __DCRP: *Lightning*

4. M 2/5 – Conductors and Insulators

- __Read §32.4 Conductors and Insulators
- __Answer q. 14, 15, 29, 31, 32, 33

5. T 2/6 – Charging by Friction and Contact & Charging by Induction

- __Read §32.6 Charging by Friction and Contact
- __Answer q. 16, 23, 34, 35, 36
- __Read §32.7 Charging by Induction
- __Answer q. 17, 18, 19, 24

6. W 2/7 – Mechanical Universe (College)

- __MU-College: *Static Electricity*

7. r 2/8 – Polarization of Charge

- __Read §32.7 Charge Polarization
- __Answer q. 20, 21, 22, 37, 38, 41, 42

8. F 2/9 – Conceptual Physics Alive

- __CPA: *Electrostatics*

9. M 2/12 – Clickers + Demonstration

- __Clicker Quiz CP.10 - Electrostatics
- __Demonstration: Charging Ahead

10. T 2/13 – Test Corrections

- __Test Corrections CP.09 - Heat
- __Classwork Return
- __PracTest CP.10 – Electrostatics
- __Hewitt Drew It 87. Electricity

11. W 2/14 – Unit Test CP.10 – Electrostatics

- __Get Crossword CP.11 - Current

Unit Test CP.10 will cover

Conceptual Physics Textbook: Chapter 32 – Electrostatics****

Demos/Activities + Discovery Channel Raging Planet: *Lightning*, Mechanical Universe: *Static Electricity*****

Conceptual Physics Alive: *Electrostatics***