

Rio Americano High School Conceptual Physics

CP.10 Electrostatics [Chapter 32]

[1/26/18]

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

__*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 §32.5 Charging by Friction and Contact

__Answer q. 16, 23, 34, 35, 36

__Read §32.6 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***