

Rio Americano High School Conceptual Physics

CP.13 Electromagnetism [Chapters 36 & 37] [7/24/17]

1. M 4/2 – Magnetic Poles & Magnetic Fields

__Read §36.1 Magnetic Poles

__Answer q. 1, 2

__Read §36.2 Magnetic Fields

__Answer q. 3, 31, 32

2. T 4/3 – The Nature of the Magnetic Field & Magnetic Domains

__Read §36.3 The Nature of the Magnetic Field

__Answer q. 4, 5

__Read §36.4 Magnetic Domains

__Answer q. 6, 7, 8, 9, 23

EXPLORATORIO

3. r 4/5 – Mechanical Universe

__MU: *Magnetic Fields*

4. F 4/6 – Electric Currents and Magnetic Fields

__Read §36.5 Electric Currents and Magnetic Fields

__Answer q. 10, 11, 25, 26, 27, 28

__Hewitt Drew It 101. Magnetism

5. M 4/9 – Magnetic Forces on Moving Charged Particles & Magnetic Forces on Current-Carrying Wires

__Read §36.6 Magnetic Forces on Moving Charged Particles

__Answer q. 12, 13, 14, 24

__Read §36.7 Magnetic Forces on Current-Carrying Wires

__Answer q. 15

6. T 4/10 – Conceptual Physics Alive

__CPA: *Magnetism*

7. W 4/11 – Electromagnetic Induction

__Read §37.1 Electromagnetic Induction

__Answer q. 1, 2, 3, 4

__Demos: Fields-magnets, wires, induction

__Hewitt Drew It 102. Electromagnetic Induction

8. r 4/12 – Clickers

__Clicker Quiz CP.13 - Electromagnetism

__Magnet Boys

9. F 4/13 – Test Corrections

__Test Corrections CP.12 - Circuits

__Classwork Return

__PracTest CP.13 – Electromagnetism

10. M 4/16 – Cosmos: A Spacetime Odyssey

__Episode 10. *The Electric Boy*

11. T 4/17 – Unit Test CP.13 – E-Magnetism

__Get Crossword CP.14 - Waves

Unit Test CP.13 will cover

Conceptual Physics Textbook: Chapter 36 (§1-7) & 37 (§1) – Magnetism & Electromagnetic Induction****

Conceptual Physics Alive: *Electromagnetism***

Cosmos Episode 10: *The Electric Boy***

Demos/Activities + Mechanical Universe: *The Magnetic Field***