

Rio Americano High School AP Physics 1

AP1.12 Introductory DC Circuits

[4/17/18]

1. B2 4/17 – Ohm's Law

- __ Lab: Ohm, Ohm on the Range
- __ LabQuiz + Preso
- __ Complete Q&P < >

2. r 4/19 – The Electric Circuit

- __ Complete Job: The Slider Circuit
- __ Begin Lab: Batteries and Bulbs
- __ Read Guide: The Circuit Slide
- __ Complete Q&P < >

3. F 4/20 – Circuit Basics

- __ Read Guide: Circuit Basics
- __ Finish Lab: Batteries and Bulbs
- __ Complete Job: Bun-Burning and Power
- __ Complete Q&P < >

4-5. M+T 4/23-24 – Series Circuits

- __ Lab Quiz + Preso
- __ Springboard: Series Circuits
- __ Lab Springboard: Series for Realsies
- __ Complete Job: Series Circuit Number Puzzles
- __ Complete Q&P < >

6-7. W-r 4/24-26 – Parallel Circuits

- __ Springboard: Parallel Circuits
- __ Lab Springboard: Parallel for Realsies
- __ Job: Parallel Circuit Number Puzzles
- __ Complete Q&P < >

r 4/26 1:40–3:45 – AP1 Exam Practice MC CTF Opportunity—*Do Not Miss!*

F 4/27 – “April Genius’ Day” NO SCHOOL

8. M 4/30 – Electrical Resistance

- __ Springboard: Resistance is NOT Futile
- __ Read Guide: Resistance
- __ Brainiac Electric Circuits(?)
- __ YouTube: Mech. Univ.: *Electric Circuits*
- __ Complete Q&P < >

9. ___/___ ___ Test Correction Mastermind

- __ TCM AP1.11 – Introduction to Electrostatics

10. ___/___ ___ (TBA) - Unit Test AP1.12

Essentials of College Physics Textbook: Chapters 17 (Current and Resistance) and 18 (DC Circuits)

Hewitt Drew It! Physics Screencasts: ELECTRICITY AND MAGNETISM > Electric Current

Make Up Unit Test AP1.11 no later than F 4/27. AP make up tests are administered after school only. Remember, notecards cannot be used on make-up tests.