

Rio Americano High School Physics

PHY.07 Current and Circuits

[1/24/19]

1. M 1/28 – Cosmos: A Personal Voyage

__ Episode VI: *Travellers' Tales*
__ PhysJob: AMT2—Meter Readers

2. T 1/29 - Current and Voltage

__ Discuss Meter Reading
__ Springboard: Current and Voltage
__ Read Guide: Batteries and Current
__ Complete Q&P < _____ > Due _____

3. W 1/30 – Electrochemical Cells

__ Lab Springboard: Electric Lemons
__ Complete Q&P < _____ > Due _____

4. r 1/31 – Current Resistance Voltage

__ Lab: Ohm, Ohm on the Range
__ Examples: Current and Circuits
__ Complete Q&P < _____ > Due _____

5. F 2/1 – Current Resistance Voltage

__ Finish Ohm, Ohm on the Range
__ LabQuiz + Preso
__ Complete Q&P < _____ > Due _____

6. M 2/4 – The Circuit/Slide Analogy 1

__ Complete Job: The Slider Circuit
__ Read Guide: The Circuit Slide

7. B1 2/5 – The Circuit/Slide Analogy 2

__ Complete Job: Bun-Burning and Power
__ Complete Job: Moron Slides
__ Complete Q&P < _____ > Due:

8. B2 2/6 – The Electric Circuit

__ Lab: Batteries and Bulbs
__ Complete Q&P < _____ > Due _____

9. r 2/7 – Faulty Circuits

__ Lab: Batteries and Bulbs
__ Complete Q&P < _____ > Due _____

10. F 2/8* – Powering a Circuit

__ LabQuiz + Preso
__ Lab: Open and Short Case
__ Complete Q&P < _____ > Due _____

11. M 2/11 – Wrap Up the Circuit Labs

__ LabQuiz + Preso
__ Lab: Be the Battery
__ LabQuiz + Preso
__ Complete Q&P < _____ > Due _____

12. B1 2/12 – Electric Fence Video Demo

__ YouTube Physics: Brainiacs Electric Fence
__ PhysJob: Circuit Wrap-Up
__ Complete Q&P < _____ > Due _____

13. B2 2/13 – Test Correction Journal Day

__ Test Correction Journal 6: Electrostatics
__ Homework return
__ PracTest (Online)

14. r 2/14 – Clicker Quiz 7: Circuits

15. F 2/15 – Unit Test PHY.07: Circuits

16. M 2/25 – Search for the Super Battery

PhysGuides are available at phys.org.

Conceptual Physics Textbook: Chapters 34 (Current) and 35 (Circuits)

Hewitt Drew It! YouTube: (See <http://phys.org/hewittdrewit>) ELECTRICITY AND MAGNETISM: Electric Circuits.

***Make up Unit Test PHY.06 as soon as possible, but no later than F 2/8.** If the missed unit test isn't made up before this unit's TCJ Day, it will have to be made up during final exams. Only one missed make up can be made up during finals.