

Rio Americano High School Conceptual Physics

CP.01 About Science [Chapter 1]

[6/8/18]

1. r 8/16 – A Day of Questions

- __ Schedule + First Seating Chart
- __ Physics Begins with an M
- __ And minibios and classroom activities

2. F 8/17 – Conceptual Physics Alive

- __ CPA: *Introduction* (video questions)
- __ Get Crossword CP.01 – About Science

3. M 8/20 – Scientific Measurement & Mathematics & Scientific Methods

- __ Policies
- __ The Ready Desk
- __ How to write answers to classwork questions
- __ Read §1.1 Scientific Measurement
- __ Answer Concept Check, page 9 question 1
- __ Read §1.2 Mathematics— ...
- __ Answer Concept Check, p. 9 q. 2
- __ Read §1.3 Scientific Methods
- __ Answer p. 9 q. 3

4. T 8/21 – The Scientific Attitude & Scientific Hypotheses

- __ Read §1.4 The Scientific Attitude
- __ Answer p. 9 q. 4, 5
- __ Read §1.5 Scientific Hypotheses
- __ Answer p. 9 q. 6, 12, 13

5. W 8/22 – Baloney Detection Kit + Science, Technology, and Society

- __ YouTube Lesson: Baloney Detection
- __ Read §1.6 Science, Technology, and Society
- __ Answer p. 9 q. 7, 14

6. r 8/23 – Science, Art, and Religion & In Perspective

- __ Read §1.7 Science, Art, and Religion
- __ Answer p. 9 q. 8, 9, 10
- __ Read §1.8 In Perspective
- __ Answer p. 9 q. 11

7. F 8/24 – Cosmos: A Spacetime Odyssey

- __ Episode 1: *Standing Up in the Milky Way*
- __ Classwork Return

8. M 8/27 – Clickers + PracTest

- __ Clicker Quiz CP.01 – About Science
- __ PracTest CP.01 – About Science

9. T 8/28 – Test CP.01 – About Science

- __ Get Crossword CP.02 – Newton's First Law

Schedule permitting: Bill Nye—*Pseudoscience*

Unit Test CP.01 will cover

Conceptual Physics Textbook: Chapter 1 – About Science*****

Cosmos Episode 1: *Standing Up in the Milky Way***

Conceptual Physics Alive: *Introduction***

Baloney Detection Kit*

The *-marks indicate the approximate strength of coverage. So about 50% of the CP.01 unit test will be based on the textbook's Chapter 1, 20% will be on Cosmos, and 20% on Conceptual Physics Alive, and 10% on Baloney Detection Kit.