

Rio Americano High School Conceptual Physics

CP.02 Newton's First Law [Chapter 3]

[6/8/18]

1. W 8/29 – Aristotle on Motion & Copernicus and the Moving Earth & Galileo on Motion +

- __Read §3.1 Aristotle on Motion
- __Answer p. 41 q. 1, 2
- __Read §3.2 Copernicus and the Moving Earth
- __Answer p. 41 q. 3
- __Read §3.3 Galileo on Motion
- __Answer p. 41 q. 4, 5, 6, 7, 8

2. r 8/30 – Newton's First Law

- __Read §3.4 Newton's Law of Inertia
- __Answer p. 41 q. 9, 10, 11
- __Read §3.5 Mass—A Measure of Inertia
- __Answer p. 41 q. 12, 13, 14, 15, 16, 17, 18

3. F 8/31 – Dumbbell Demo + CPA

- __Demonstration: Clever Dumbbell
- __Conceptual Physics Alive: *Newton's First Law*

4. T 9/4 – Think & Explain Carousel + Clips

- __Read §3.6 The Moving Earth Again
- __Answer p. 41 q. 19, 20
- __Answer q. 19, 20, 29, 30, 32, 33, 35, 37, 38

5. W 9/5 – Cannonball Demo

- __Demonstration: Cannonball
- __Mechanical Universe: *Inertia* Pre-View

6. r 9/6 – Mechanical Universe

- __Mechanical Universe: *Inertia*
- __YouTube: Inertia: Friend Foe Fact Fiction
- __Video Clip: Cactus Mine [?]

7. F 9/7 – Clicker Quiz?

- __Clicker Quiz CP.02 – Newton's First Law
- __PracTest CP.02 – Newton's First Law

8. M 9/10 – Test Corrections

- __Journal: One entry per missed test item
- __Quiz: Earn back up to 50% of missed test pts.
- __Classwork return

9. T 9/11 - Test CP.02 – Newton's First Law

- __Get Crossword CP.03 – Linear Motion

Schedule permitting: Bill Nye—*Balance*

Unit Test CP.02 will cover

Conceptual Physics Textbook: Chapter 3 – Newton's First Law of Motion—Inertia*****

Conceptual Physics Alive: *Newton's First Law***

Demonstrations, YouTube: Inertia + Mechanical Universe: *Inertia****