

Rio Americano High School Conceptual Physics

CP.02 Newton's First Law [Chapter 3] [8/27/18]

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 – Demonstrations

- __Demonstration: Clever Dumbbell
- __Demonstration: Cannonball

4. T 9/4 – The Moving Earth, Again +

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

5. W 9/5 – Conceptual Physics Alive!

- __CPA: *Newton's First Law*

6. r 9/6 – Mechanical Universe + YouTube

- __Mechanical Universe: *Inertia*
- __YouTube: Inertia: Friend Foe Fact Fiction

7. F 9/7 – Clicker Quiz

- __Video Clip: Cactus Mine
- __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*

Make up Unit Test CP.01 About Science as soon as possible; no later than F 9/7. Check the availability schedule on the board to see when you can come in. Unit tests made up after the posted date will result in the loss of the TCJ privilege.

Unit Test CP.02 Newton's First Law 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****