

Rio Americano High School Conceptual Physics

CP.04 Newton's Second Law [Chapter 6] [9/18/17]

1. B2 9/20 – Cosmos: A Spacetime Odyssey

- __ Episode 4. *A Sky Full of Ghosts*
- __ CTF Quiz: Policies

2. r 9/21 – Force Causes Acceleration & Mass Resists Acceleration

- __ Read §6.1 Force Causes Acceleration
- __ Answer q. 1, 2, 22
- __ Read §6.2 Mass Resists Acceleration
- __ Answer q. 3, 4

3. F 9/22 – Newton's Second Law + PhET

- __ Read §6.3 Newton's Second Law
- __ Answer q. 5, 6, 23, 32, 38, 39
- __ PhET: Pushing Things Around?

4. M 9/25 – Conceptual Physics Alive

- __ CPA: *Newton's Second Law*

5. B1 9/27 – Friction & Applying Force—Pressure

- __ Read §6.4 Friction
- __ Answer q. 7, 8, 9, 31, 37
- __ Read §6.5 Applying Force—Pressure
- __ Answer q. 10, 11, 12, 24, 43

6. B2 9/27 – Demonstrations

- __ Demo: Putting the Force Before the Cart
- __ Demo: The Newtonian Shot

7. r 9/28 – Free Fall Explained & Falling and Air Resistance

- __ Read §6.6 Free Fall Explained
- __ Answer q. 13, 14, 15, 36, 46
- __ Read §6.7 Falling and Air Resistance
- __ Answer q. 16, 17, 18, 20, 47, 51

8. F 9/29 – Clickers

- __ Clicker Quiz CP.04 – Newton's Second Law
- __ Maybe: Clicker Quiz CP.02 – Inertia (missed)

9. M 10/2 – Test Corrections

- __ Test Corrections CP.03 – Linear Motion
- __ Classwork Return
- __ PracTest CP.04 – Newton's Second Law

10. B1 10/4 – Test CP.04 – Newton's 2nd Law

- __ Get Crossword CP.05 – Newton's 3rd Law

Unit Test CP.04 will cover

Conceptual Physics Textbook: Chapter 6 – Newton's Second Law****

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

Cosmos Episode 4: *A Sky Full of Ghosts***

Demonstration/s and Activities**