

# Rio Americano High School Conceptual Physics

## CP.05 Newton's Third Law [Chapter 7]

[7/23/17]

---

### 1. B2 10/4 – Cosmos: A Spacetime Odyssey

\_\_ Episode 5. *Hiding in the Light*

### 2. r 10/5 – Forces and Interactions & Newton's Third Law

\_\_ Read §7.1 Forces and Interactions

\_\_ Answer q. 1, 2, 21

\_\_ Read §7.2 Newton's Third Law

\_\_ Answer q. 3, 4

\_\_ Hewitt Drew It 21. Newton's Third Law

*No Friday 10/6 – Columbus-Indigenous-ish*

---

### 3. M 10/9 – Identifying Action and Reaction & Action and Reaction ... Masses

\_\_ Read §7.3 Identifying Action and Reaction

\_\_ Answer q. 5, 6, 23, 32, 38, 39

\_\_ Read §7.4 Action and Reaction ... Masses

\_\_ Answer q. 7, 8, 9, 10, 11, 28, 30, 36, 37

### 4. B1 10/10 – Conceptual Physics Alive

\_\_ CPA: *Newton's Third Law*

### 5. B2 10/11 – The Force Mirror

\_\_ Demonstration: The Force Mirror

### 6. r 10/12 – Defining Systems & The Horse and Cart Problem & Action Equals Reaction

\_\_ Read §7.5 Defining Systems

\_\_ Answer q. 12, 13, 14

\_\_ Read §7.7 The Horse and Cart Problem

\_\_ Answer q. 15, 16, 17, 39, 40, 41

\_\_ Read §7.8 Action Equals Reaction

\_\_ Answer q. 18, 19, 20, 34, 35, 38, 39

### 7. F 10/13 – Clickers + Mechanical Universe

\_\_ Clicker Quiz CP.05 – Newton's Third Law

\_\_ MU: *Newton's Laws*

---

### 8. M 10/16 – Test Corrections

\_\_ Test Corrections CP.04 – Newton's 2<sup>nd</sup> Law

\_\_ Classwork Return

\_\_ PracTest CP.05 – Newton's Third Law

### 9. B1 10/17 – Test CP.05 – Newton's 3<sup>rd</sup> Law

\_\_ Get Crossword CP.06 – Universal Gravitation

---

### Unit Test CP.05 will cover

*Conceptual Physics* Textbook: Chapter 7 – Newton's Third Law\*\*\*\*

*Conceptual Physics Alive: Newton's Third Law*\*\*

*Cosmos Episode 5: Hiding in the Light*\*\*

Activities + Demo/s + Mechanical Universe: *Newton's Laws*\*\*