

# Rio Americano High School Conceptual Physics

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

[9/28/17]

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### 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*

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### 3. B1 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. B2 10/10 – Conceptual Physics Alive

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

### w 10/11 – Top Gear: Reliant Robin?

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### 5. r 10/12 – The Force Mirror + Defining Systems

\_\_Demonstration: The Force Mirror

\_\_Read §7.5 Defining Systems

\_\_Answer q. 12, 13, 14

### 6. F 10/13 – The Horse and Cart Problem & Action Equals Reaction

\_\_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

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### 7. M 10/16 – Clickers + Mechanical Universe

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

\_\_MU: *Newton's Laws*

### 8. T 10/17 – Test Corrections

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

\_\_Classwork Return

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

### 9. W 10/18 – Test CP.05 – Newton's 3<sup>rd</sup> Law

\_\_Get Crossword CP.06 – Universal Gravitation

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### 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*\*\*