

Rio Americano High School Conceptual Physics

CP.07 Momentum [Chapter 8]

[AQI 11/25/18†]

1. T 11/13 – Cosmos: A Spacetime Odyssey

__ Episode 7. *The Clean Room*

2. W 11/14 – Momentum & Impulse Changes Momentum

__ Read §8.1 Momentum

__ Answer q. 1, 2, 3

__ Read §8.2 Impulse Changes Momentum

__ Answer q. 4, 5, 6, 7, 8, 9, 10, 11

__ Hewitt Drew It 24. Momentum

3. r 11/15 – Bouncing & Conservation of Momentum

__ Read §8.3 Bouncing

__ Answer q. 20, 21

__ Answer q. 12, 13, 14, 35, 36, 37, 38, 39

__ Read §8.4 Conservation of Momentum

__ Answer q. 15, 16, 47

4. M 11/27 – Kinetic Carnival + Demo

__ Kinetic Carnival: *Forces and Collisions*

__ Demonstration: Things That Go Bump

5. T 11/27 – Collisions & Momentum Vectors

__ Answer q. 40, 41, 42

__ Read §8.5 Collisions

__ Answer q. 17, 18, 22, 31, 48

__ Read §8.6 Momentum Vectors

__ Answer q. 19

__ Hewitt Drew It 25. Conservation of Momentum

6. W 11/28 – More Complicated Collisions + Conceptual Physics Alive

__ Answer q. 44, 49, 50, 51

__ CPA: *Momentum*

7. r 11/29 – Clickers + Mechanical Universe

__ Clicker Quiz CP.07 - Momentum

__ Mech Univ: *Conservation of Momentum*

8. F 11/30 – Test Corrections

__ Test Corrections CP.06 - Gravitation

__ Classwork Return

__ PracTest CP.07 – Momentum

9. M 12/3 – Test CP.07 – Momentum

__ Get Crossword CP.08 – Energy

Schedule permitting: Bill Nye—*Momentum*

Unit Test CP.07 will cover

Conceptual Physics Textbook: Chapter 8 – Momentum****

*Conceptual Physics Alive: Momentum***

*Cosmos Episode 7: The Clean Room***

Demos/Activities + Kinetic Carnival: *Forces & Collisions*, Mech Univ: *Conservation of Momentum***

**Make up the Unit Test CP.06 – Circular Motion as soon as possible; no later than Friday, 11/16 .
Monday 11/26.**

†Schedule modified to accommodate Smoke Closure Day, subject—as always—to minor changes.