

Rio Americano High School AP Physics 1

AP1.07 Momentum [*flexible*]

[12/21/17]

TBA [Weather]: GrassOmelette XVI

Competition: Egg Toss - **OUTDOOR ACTIVITY** -
Attire alert - wet grass, puddles, eggsplash

1. T 1/9 - Impulsive Jearl

__ Kinetic Karnival: Forces and Collisions

__ Q&P Page/s < > Due: _____

2. W 1/10 – Momentum

__ Springboard: Intro to Momentum

__ Guide: Momentum

__ Examples: Impulse and Momentum

__ Q&P Page/s < > Due: _____

3. r 1/11 – Impulse

__ Springboard: Take a Flying Leap

__ Q&P Page/s < > Due: _____

4. F 1/12 – Happy/Sad Dart

__ Demonstration: Things That Go Bump!

__ Q&P Page/s < > Due: _____

5. T 1/16 – Conservation of Momentum

__ Guide*: Conservation of Momentum

__ Job: Cons. of Momentum 1: Momentum >>>

__ Job: Conservation of Momentum 2: Velocity

__ Q&P Page/s < > Due: _____

6. W 1/17 – Conservation Laboratory

__ PreLab: DataStudios

__ Q&P Page/s < > Due: _____

7. r 1/18 – Inelastic Collisions Lab

__ From DataStudios to Crash and Stick

__ Q&P Page/s < > Due: _____

8. F 1/19 – Inelastic Collisions Lab

__ Lab: Crash and Stick

__ Job: Conservation of Momentum 3: Puzzles

__ Q&P Page/s < > Due: _____

9. M 1/22 – Inelastic Collisions Lab

__ From Crash and Stick to Such Sweet Sorrow

__ Job: Conservation of Momentum 3: Puzzles

__ Q&P Page/s < > Due: _____

10. T 1/23 – Explosion Experiment

__ Exp: Such Sweet Sorrow

__ Job: Energy-Momentum Conundrums

__ Q&P Page/s < > Due: _____

11. W 1/24 – Explosion Experiment

__ Exp: Such Sweet Sorrow

__ Q&P Page/s < > Due: _____

12. r 1/25 – TCM Day

__ Test Correction Mastermind

__ Q&P Page/s < > Due: _____

13. F 1/26 – Unit Test AP1.07

Guides are available at physz.org.

Essentials of College Physics Textbook: Chapter 6: Momentum and Collisions

Hewitt Drew It! YouTube Screencasts: (See <http://physz.org/hewittdrewit>) MECHANICS: Momentum.

ExploratoRio is scheduled for Open House Day/Night: Wednesday, April 4. It's the biggest CTF opportunity of the year. Mark your calendar. More information will follow soon!