Monday, October 29/12
Science 10

Announcements

http://www.rcdb.com/

1. Pass In => ICA: Speed, Time and Acceleration

2. Corrections
   Quiz: Average Acceleration Problems - Rewrite - Wednesday

3. Roller Coaster Project

4. Understanding Concepts: Page 393 #2-6, 8, 11, 12

5. Chapter 10 - Review
   Page 410 - Understanding Concepts #2, 4, 7, 9, 10, 14 → HW

6. Constant Acceleration - Special Case

7. Chapter 11 - Displacement and Velocity (Page 412)

8. Physical Quantities

9. Direction

Stopped Here Period 4

10. Vector Quantities

Stopped Here Period 3

11. Vectors

12. Understanding Concepts: Page 416, #1, 4, 5, 6, 8

Roller Coaster Project

Due: December 7/12

1. Number of Participants/Project:
   - one
   - two (include roles)
   - three (include roles)

2. Possible Presentation Methods:
   - written report
   - PowerPoint
   - Prezi
   - SMART Notebook
   - Glogster
   - Poster
   - video
   - speech
   - model
   - comic

3. Content (what to include):
   - name of roller coaster
   - name of the person who designed the roller coaster / builder
   - location
   - year built/completed
   - time required to build the roller coaster
   - picture of the roller coaster
   - # of g's *
   - time of ride
   - cost to build *
   - type (wood/steel)
   - number of people involved in building the roller coaster *
   - height (highest point)
   - top speed
   - type of restraint (headrest, seatbelt, T-bar, etc.)
   - elements (track, hill, loop, turns) *
   - records *
   - injuries/deaths *

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→ restrictions *