

April 29 - Professional Learning Day (Friday)

May 5 - NBTA Meetings (Thursday)

May 6 - NBTA Council Day (Friday)

May 23 - Victoria Day (Monday)

May 27 - Professional Learning Day (Friday)

Physics 112

Tuesday, April 19/16

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*Library Books

Explain That Stuff - April 22/16

Midterm - April 21/16 (Thursday)

1. Return -> Formative Assessment: Newton's First Law
 2. Newton's Second Law - Law of Force, Mass and Acceleration
- Problems: Type I and II
 3. [Worksheet: Worksheet: C5 – Newton's Second Law - HW](#)
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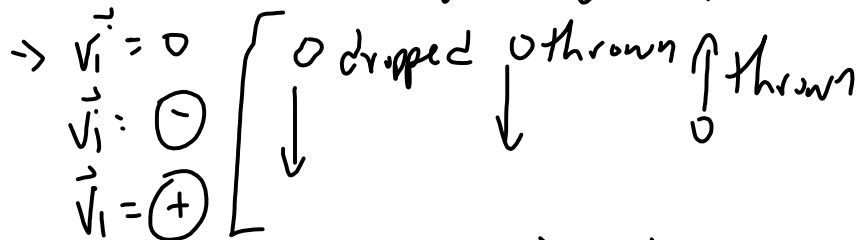
4. Newton's Second Law - Law of Force, Mass and Acceleration
- Problems: Type III
5. Worksheet: Text: Page 163, PP #1-3
Text - Page 168 #4-7
6. Force Problem -> Two Bodies: Atwood's Machine
7. Textbook: Page 485, #19-21 (C10)

P12
Midterm Topics.

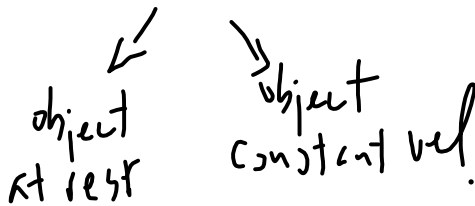
- > find \vec{h} analytically
- > velocity-time graph

WS -> kinematic problems (2)

WS -> freely falling body (1)



- WS - weight $\vec{w} = m\vec{g}$
- WS - Newton's First Law prob. (1)
 ↳ FB (incline)



* $\frac{km}{h} \xrightarrow{\div 3.6} \frac{m}{s}$
 $\frac{m}{s} \xrightarrow{\times 3.6} \frac{km}{h}$

* $g \rightarrow \text{kg}$

* $h \rightarrow \text{min} \rightarrow \text{s}$

Science 122

Tuesday, April 19/16

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Midterm - April 28/16 (Thursday)

1. Handout: Mass Densities
2. Pressure and Depth in a Static Fluid - To Be Continued
3. [Worksheet: Pressure and Depth in a Static Fluid - #1-5 HW](#)

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4. Pressure Gauges
 5. Pascal's Principle
 6. Archimedes' Principle

Science 10

Tuesday, April 19/16

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Assignment: Word Problems - Friday, April 22/16

1. Gecko Demo
2. 100 Acre Wood
3. Worksheet: 100 Acre Wood -> Position and Displacement
4. Velocity
5. Representing Vector Quantities - To Be Continued

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6. Resultant (Final) Velocity
 7. Average Velocity
 8. Worksheet - Constant and Average Velocity Problems

Physics 122

Tuesday, April 19/16

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Explain That Stuff - April 22/16

Midterm - Tuesday - April 26

1. Experiment 10.2 - Torques (Page 67)
Experiment 9.1 - Conservation of Momentum (Page 55)
April 28/16
 2. Return -> Formative Assessment: Projectile Fired at an Angle
 3. Horizontal Circular Motion - Continue
 4. [Worksheet - Circular Motion - HW](#)
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5. Banked and Unbanked Curve Problems
 6. Worksheet - Banked and Unbanked Curve Problems