

Science 10

Tuesday, May 8/18

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Assessment - Science (During Math Class)

Roller Coaster: Due: Friday, June 1/18

Optional Assignment - Graphing Characters (Max. 2)

- Due: Friday, June 1/18

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1. FA - Graphing Basics
 2. Check
Worksheet - Distance vs Time Graph
 3. Various Distance-Time Graphs
 4. Matching a Graph to a Story
 5. [Worksheet - Matching a Graph to a Story](#)
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6. Worksheet - More Distance vs Time Graphs
 7. Average Speed
 8. Problem Solving Strategy
 9. Sample Problems
 10. Worksheets - Average Speed Problems

Physics 112

Tuesday, May 8/18

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1. Progress Reports

2. Check:

-> Worksheet: C5 - Momentum -> Page 197: PP #29

C5 - Impulse -> Page 200: PP #30-32

-> Worksheets:

C5 - Impulse-Momentum Page 203: PP #33-35

C5 - Momentum and Impulse-Momentum Page 209: PFU #37-45

-> MC

-> Worksheet - Extra Problems

3. FA - Momentum, Impulse and Impulse-Momentum Theorem

4. **SA - U2S3 (Momentum, Impulse, Momentum-Impulse Theorem)**

- Friday, May 11 (MC and Problems)

5. Topics - Final Exam

6. Worksheet - Review for Final Exam

7. Unit 3 - Work, Energy and Power

8. Concept Sheet - U3 S1

9. Energy

10. Work

11. Three Cases - No Work is Done

P112-MC- \vec{P} and \vec{J}

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|------|-------|-------|-------|
| 1. D | 6. B | 11. C | 16. C |
| 2. C | 7. C | 12. D | 17. C |
| 3. B | 8. A | 13. D | 18. C |
| 4. A | 9. D | 14. C | 19. D |
| 5. B | 10. C | 15. B | 20. C |

Physics 122

Tuesday, May 8/18

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1. Check:

Worksheet - Current -> Textbook - C15 - Page 696, PP #4-10

Worksheet - Resistance -> Textbook: C15, Page 708, #16-20

Worksheet - Ohm's Law -> Textbook: C15, Page 714, #21-25

Worksheet - Textbook: Page 737, #40-42

Page 744, #46-50

Worksheet - (Series) Textbook: Page 719, #27-31

Worksheet - (Parallel) Textbook: Page 724, C15 - PP#32-35

Worksheet - (Complex) Textbook: Page 728, #36-37

Textbook: Page 749, #33-34

2. Return -> FA - Current, Resistance in a Wire and Power Justifications

3. Worksheets - Circuit #1 Circuit #2

4. SA - Electric Circuits

- **Thursday, May 10/18**

- Format - MC and Problems

- Electric Current

- Conventional Current vs Electron Flow

- Resistance in a Wire

- Symbols, Ammeter, Voltmeter

- Ohm's Law

- Power

- Series, Parallel and Combination Circuits

5. Unit 2 -Section 1 - Projectiles

Science 122

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1. **FA/SA - Magnetism #1**
- **Friday, May 11/18**
 2. Check
[Worksheet - Magnetic Field Produced by a Wire](#)
 3. Force on a wire in a Magnetic Field
 4. [Worksheet - Force on a wire in a Magnetic Field](#)
 5. Magnetic Force on a Single Charged Particle
 6. [Worksheet - Magnetic Force on a Single Charged Particle](#)
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7. Magnetic Fields and Circular Paths