Science 9

http://mvhs.nbed.nb.ca/

Tuesday, Nov. 19/19

1. SA - Exploring Space: The Universe and The Solar System

2. Submit: IC - SA -> The Solar System

3. Two Optional Crossword Puzzles - The Universe
   The Solar System

4. Projects - Topics
   - Computer Lab

Physics 112

Tuesday, Nov. 19/19

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Blocking Off First Half of Lunch Wednesdays

1. Return:
   FA - Second Law Problems (Type II, III and Combo (II and III))
   Submit LC - Today

2. SA - U2: S1&2 -> Date: Wednesday, Nov. 20/19

3. U2 - Section 3 -> Introduction to Momentum

4. Momentum

5. Impulse

6. Worksheet: U2–S3 - Introduction to Momentum
   -> Momentum
   -> Impulse

Physics 122

Tuesday, Nov. 19/19

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Blocking Off First Half of Lunch Wednesdays

1. Return:
   Experiment 8.1 - Kepler's Laws

2. Return:
   FAs - Horizontal Circular Motion
   - Banked/Unbanked Curves
   } Were Due: Friday, Nov. 15

3. Questions?
   Worksheet - Kepler's Laws
   Worksheet - Universal Law of Gravitation

4. The Period of an Orbiting Object

5. FA - Law of Universal Gravitation (Georgia)
   FA - Orbital Period, Speed and Acceleration due to Gravity

6. Worksheets (2 Practice, 1 Mandatory)

7. SA - U2 S1&2 -> Tuesday, Nov. 26

Science 10

Tuesday, Nov. 19/19

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Blocking Off First Half of Lunch Wednesdays

1. Return:
   FA - Identifying and Counting Digits
   FA - Rounding Measurements

2. Questions?
   Worksheets - Rearranging Equations

3. Metric Conversions

4. Worksheets - Metric Conversions

5. Review: SA - Physics #1

6. SA - Physics #1 (Physics to Metric Conversions) - Thursday, Nov.21
   - Topics (See Next Page)

SA - Physics #1 - Topics

1. definitions: physics, physical quantity, significant digits, certainty, exact value, defined value, rounding digit, precision, defining equation, variable, term

2. SI System - International System of Units
   - know the SI base units for length, time and mass
   - be able to identify a derived unit

3. certainty - identify certain and uncertain digits in a measurement
   - determine the certainty of a measurement by stating its number of significant digits

4. SDs and operation rules - Certainty Rule
   -> multiplication and division
   -> count total # of significant digits
   -> round to the same number of significant digits as the original measurement with the fewest SDs
   - Precision Rule
   -> addition and subtraction
   -> count # of digits after the decimal
   -> round to the same number of digits after the decimal as the original measurement with the fewest # of digits after the decimal

scientific notation

5. rearrange an equation for a specified variable

6. perform metric conversions using conversion factors