


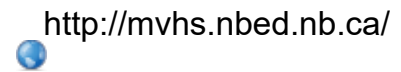
Science 9

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

Monday, Nov. 18/19

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
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Physics 112



Monday, Nov. 18/19

Blocking Off First Half of Lunch Wednesdays Survey - December 10

1. Return:
FA - Second Law Problems (Type II, III and Combo (II and III))
Submit LC - Tomorrow
 2. Questions?
Worksheet: U2-S2 -> First Law of Motion
 Second Law of Motion
 Mandatory Problems -> Task Sheet
Review for SA - U2: S1&2
 3. SA - U2: S1&2 -> Date: Wednesday, Nov. 20/19
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4. U2 - Section 3 -> Introduction to Momentum
 5. Momentum
 6. Impulse
 7. Worksheet: U2-S3 - Introduction to Momentum
 -> Momentum
 -> Impulse
-

Physics 122

Monday, Nov. 18/19

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Blocking Off First Half of Lunch Wednesdays

1. Return Tomorrow:
Experiment 8.1 - Kepler's Laws
 2. Return Tomorrow:
FAs - Horizontal Circular Motion }
- Banked/Unbanked Curves } Was Due: Friday, Nov. 15
 3. Questions?
Worksheet - Kepler's Laws
Worksheet - Universal Law of Gravitation
 4. Gravitational Field Strength
 5. Calculating the Value of "g"
 6. Orbital Speed
-
7. The Period of an Orbiting Object
 8. Worksheets

Science 10

Monday, Nov. 18/19

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Bus Supervision - After School Blocking Off First Half of Lunch Wednesdays

1. Return:
FA - Identifying and Counting Digits
FA - Rounding Measurements
 2. Worksheets - Rearranging Equations
 3. Topics - SA Physics #1 (See Next Page)
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4. Metric Conversions
 5. Worksheets - Metric Conversions
 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

m s kg

$\frac{m}{s}$ $\frac{m}{s^2}$ $\frac{kg \cdot m}{s^2}$

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