May 5 - NBTA Meetings (Thursday)

May 6 - NBTA Council Day (Friday)

May 23 - Victoria Day (Monday)

May 27 - Professional Learning Day (Friday)

# Physics 112

Monday, May 2/16

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

http://mvhs-sherrard.weebly.com/

## *Library Books

1. Return -> A: U2-S2 (Newton's Laws of Motion)
2. Investigation: Atwood's Machine - Due Date: Wednesday, May 4
3. Newton's Third Law - Law of Action and Reaction
4. U2 - Section 3: An Introduction to Momentum
5. Momentum
6. Impulse

---

7. Impulse-Momentum Theorem
8. Textbook: Page 197, #29 (C5) [Momentum]
   Textbook: Page 200, #30-32 (C5) [Impulse]
   Textbook: Page 203, PP #33-34
   Textbook: Page 209, #37-45
   Worksheet - Multiple Choice: Impulse and Momentum
9. Test Unit 2 -> Tentatively -> Wednesday, May 11/16

# Science 122

Monday, May 2/16

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

http://mvhs-sherrard.weebly.com/

---

1. Return -> Midterms
2. Check - Worksheet: Archimedes' Principle
3. Hydrodynamics
4. Basic Types of Fluid Flow
5. Streamlines
6. Mass Flow Rates and Equation of Continuity
7. Volume Flow Rate
8. Bernoulli's Equation - To Be Continued

---

9. Worksheet - Equation of Continuity

   Worksheet - Bernoulli's Equation

   Worksheet - Continuity and Bernoulli's Equations

# Science 10

Monday, May 2/16

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

1. Worksheet: Velocity-Time Graph #4
2. Check -> Worksheets - Acceleration Problems
3. Ball Toss Demo
4. Freely Falling Bodies - To Be Continued

---

5. Worksheet: Freely Falling Bodies
6. More Formulas for Accelerating Bodies

# Physics 122

Monday, May 2/16

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

http://mvhs-sherrard.weebly.com/

1. Experiment 10.2 - Torques (Page 67)
   Experiment 9.1 - Conservation of Momentum (Page 55)
   1 Day Late

2. Assignment: Experiment 8.1 - Kepler's Laws - Page 49
   Due - Today: May 2/16

3. Worksheet: Kepler's Laws

4. Universal Law of Gravitation - Continue

5. Calculating the Value of "g"

6. Orbital Speeds

7. Period of an Orbiting Object

8. Two Examples - HW