May 23 - Victoria Day (Monday)

May 27 - Professional Learning Day (Friday)

Physics 112

Monday, May 16/16

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

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

Explain That Stuff - May 20/16

1. Return - Unit 2 Tests
2. Assignment: U3-S1 - Work -> Monday, May 16/16
3. Worksheet: Textbook - Page 238, PP #19-21
   Textbook - Page 245, PP #22-25
   } HW for Tuesday

4. Potential Energy
5. Gravitational Potential Energy
6. Work-Gravitational Potential Energy Theorem
7. Worksheet - Textbook: Page 250, PP # 27, 29
   Textbook: Page 254, PP # 30-33

Science 122

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

Monday, May 16/16

1. Return Fluid Test
2. Activity and Decay Constants
3. Examples - To Be Continued

4. Worksheets: Half-Life, Activity and Decay Constant (2)
5. Quantization of Energy - Planck
   - Einstein
6. Photoelectric Effect
7. Worksheet: Energy of Photons, Work Function, Etc.

Science 10

Monday, May 16/16

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

1. Return "Test - Physics Unit" Tomorrow
2. Roller Coasters - Deadline: Thursday, May 26/16
3. Unit 3 - Ecology
4. Life Science
5. Ecology and Ecological Levels
6. Indicator Species
7. Amphibians
8. Article - Pass in for Marking: Wed. May 18/16

9. Factors Affecting Ecosystems
10. Worksheet - Biotic and Abiotic Factors
11. Classifying Organisms

Physics 122

Monday, May 16/16

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

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

Explain That Stuff - May 20/16

1. Questions? Worksheet: Text: Page 614, PP #5-8
   Text: Page 623, PFU #28, 29 } Pendulums

   Worksheet: Text: Page 608, #1-4
   Text: Page 623, #23-27, 30 } Mass on a Spring and Pendulums

2. Test - Unit 2 -> Wednesday, May 18/16

   *Planetary Motion and SHM

3. Static Electricity Series
4. Charging by Conduction
5. Charging By Induction
6. Law of Conservation of Electric Charge
7. Electrostatic Force - To Be Continued

---

8. Worksheet: Charge and Coulomb's Law (2 Charges)
9. Coulomb's Law - Three Charges

Test -> Theory - MC.

-> Problems -> (1) pendulum

(2) mass on spring

(1) Kepler

(1) Planetary motion

$V^2 = \frac{GM}{r}$ $F = \frac{Gm_1m_2}{r^2}$

$T = 2\pi\sqrt{\frac{r^3}{GM}}$ $g = \frac{GM}{r^2}$