**Richmond Hill High School Science Department**

**Fall 2011 Pacing Calendar for: Physics**

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| **Days of the Week** | **September** | **October** | **November** | **December** | **January** |
| **Monday** | **5**  **Labor Day**  **X** | **3**  **Trajectories** |  |  | **2 Winter recess**  **X** |
| **Tuesday** | **6**  **Teachers Report** | **4** | **1**  **Newton’s Second Law** |  | **3**  **Atomic Structure** |
| **Wednesday** | **7**  **First day of classes** | **5** | **2** |  | **4** |
| **Thursday** | **8**  **How do we establish daily procedures?** | **6**  **Vector Components** | **3**  **Newton’s Third Law** | **1**  **Work and Power** | **5**  **Conservation of Charge** |
| **Friday** | **9**  **Algebra Assessment** | **7** | **4** | **2** | **6** |
| **Monday** | **12**  **SI System of Units** | **10 Columbus day** | **7**  **Free Body Diagrams** | **5** | **9**  **Elementary Charge** |
| **Tuesday** | **13**  **Unit Conversion** | **11** | **8 Election day** | **6**  **Kinetic Energy** | **10** |
| **Wednesday** | **14**  **Scientific Notation** | **12**  **Newton’s First Law** | **9** | **7** | **11**  **Electric Fields** |
| **Thursday** | **15**  **Graphical Analysis** | **13** | **10**  **Uniform Circular Motion** | **8** | **12** |
| **Friday** | **16**  **Scalar vs. Vector** | **14** | **11** | **9**  **Gravitation Potential Energy** | **13** |
| **Monday** | **19**  **Displacement & Distance** | **17**  **Equliibrium** | **14**  **Momentum** | **12** | **16**  **MLK Jr. Day**  **X** |
| **Tuesday** | **20**  **Velocity & Speed** | **18** | **15** | **13** | **17**  **Potential Difference** |
| **Wednesday** | **21**  **Acceleration** | **19** | **16**  **Impulse** | **14**  **Elastic Potential Energy** | **18** |
| **Thursday** | **22**  **3 Equations of Motion** | **20**  **Gravitational Forces** | **17** | **15** | **19** |
| **Friday** | **23**  **Rectilinear Motion** | **21** | **18**  **Conservation of Motion** | **16** | **20** |
| **Monday** | **26**  **Free Falling Bodies** | **24** | **21** | **19**  **Work-Energy Theorem** |  |
| **Tuesday** | **27** | **25**  **Frictional Forces** | **22** | **20** |  |
| **Wednesday** | **28** | **26** | **23** | **21** |  |
| **Thursday** | **29 Rosh Hashanah** | **27** | **24**  **Thanksgiving**  **X** | **22**  **Conservation of Energy** |  |
| **Friday** | **30 Rosh Hashanah** | **28**  **Spring Forces** | **25**  **Black Friday**  **X** | **23** |  |
| **Monday** |  | **31** | **28** | **26 Winter recess**  **X** |  |
| **Tuesday** |  |  | **29** | **27**  **X** |  |
| **Wednesday** |  |  | **30** | **28**  **X** |  |
| **Thursday** |  |  |  | **29**  **X** |  |
| **Friday** |  |  |  | **30**  **X** |  |