



## Royal West Academy

### Course Outline

Course: **Physics**  
 Teacher: J. Zigby Room: 306  
 E-mail: jzigby@emsb.qc.ca

Texts/workbooks: Quantum Physics – Third Year of Secondary Cycle Two - 2011

Course description: Students will explore a series of units which will introduce them to a wide range of areas in physics. These include Energy, Forces, Vectors, Motion and Optics.

### Materials Required

Notebook (Min 60 pages), Lab Notebook (Min 30 pages), Scientific Graphing Paper, Geometry set, Pencils, Pens, Eraser, MS Teams account

### Communication to Students and Parents

- Email and MS Teams

| Term 1 (20%)  |                           |                 |
|---|---------------------------|-----------------|
| <i>Competencies Targeted</i>  | <i>Evaluation Methods</i> | <i>Timeline</i> |
| C1: Seeks answers or solutions to problems involving physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology<br><br>C2: Makes the most of his/her knowledge of physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology. | Labs / Projects           | Every 3-4 weeks |
|   |                           | Every 2-3 weeks |

| Term 2 (20%)   |                           |                 |
|--|---------------------------|-----------------|
| <i>Competencies Targeted</i>   | <i>Evaluation Methods</i> | <i>Timeline</i> |
| <p>C1: Seeks answers or solutions to problems involving physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology</p> <p>C2: Makes the most of his/her knowledge of physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology.</p> | Labs / Projects           | Every 3-4 weeks |
|  | Class Tests               | Every 2-3 weeks |

| Term 3 (60%)   |  |                 |
|--|--|-----------------|
| <i>Competencies Targeted</i>   | <i>Evaluation Methods</i>              | <i>Timeline</i> |
| <p>C1: Seeks answers or solutions to problems involving physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology</p> <p>C2: Makes the most of his/her knowledge of physics and communicates ideas relating to questions involving physics, using the languages associated with science and technology.</p> | Labs / Projects                        | Every 3-4 weeks |
|  | <p>Science Fair</p> <p>Class Tests</p> | Every 2-3 weeks |

**END OF YEAR RESULTS**

| END OF YEAR RESULT |   |                          |   |               |  |
|--------------------|---|--------------------------|---|---------------|--|
| Term 1<br>20%      | + | Term 2<br>20%<br>midterm | + | Term 3<br>60% | C1 – RWA Lab Exam<br>TBD of final C1 Mark + Science Fair<br><br>C2 –RWA Exam<br>TBD of final C2 mark |

| Additional Information / Specifications  |
|--|
| <ul style="list-style-type: none"> <li>• Students will generally be given a one week notice prior to their test.</li> <li>• Students must advise their teacher if they are to miss a test. If a student is absent on the day of a test, a note from a parent/guardian with a valid excuse is needed or else the student will be given a mark of zero for that test. Students are responsible for communicating with the teacher after they return from their absence to set up a date where they can write the missed test.</li> <li>• Students who miss class due to field trips, ECAs, or family vacations are responsible for the material covered in class.</li> <li>• Any students caught plagiarizing will be given a mark of zero.</li> <li>• Participation in the science fair is required for this course.</li> </ul> |

**Remediation Schedule:**

Day 4: 12:30pm – 1:10pm and 3:00pm – 3:30pm

Day 6: 12:30pm – 1:10pm

Please speak to me if additional times are required

Parent Signature: \_\_\_\_\_ Student Signature: \_\_\_\_\_