PHYSICAL SCIENCES – GRADE 12 – 2014

<table>
<tr><th>TOPIC</th><th>ASSESSMENT STANDARDS</th><th>PORTFOLIO ASSESSMENT TASKS</th></tr>
<tr><td colspan="3">PHASE 1 (November 2013 – 28 March 2013)</td></tr>
<tr><td>Matter & Materials</td><td>All Learning Outcomes
UNITS 1 & 2 CHEMISTRY Workbook
• Organic Chemistry</td><td rowspan="2">Task 1: Practical Investigation
Due Date: Week Ending
<u>7 February</u>

Task 2: March Exams
<u>28 February to 11 March</u></td></tr>
<tr><td>Mechanics</td><td>All Learning Outcomes
UNITS 1 & 2 PHYSICS Workbook
• Momentum & Impulse
• Vertical Projectile Motion</td></tr>
<tr><td colspan="3">PHASE 2 (7 April 2013 – 27 June 2013)</td></tr>
<tr><td>Mechanics</td><td>All Learning Outcomes
UNIT 3 PHYSICS Workbook
• Work, Energy, Power</td><td rowspan="3">Task 3: Practical Investigation
Due Date: Week Ending
<u>24 May</u>

Task 4: June Examinations
<u>30 May to 10 June</u></td></tr>
<tr><td>Waves, Sound & Light</td><td>All Learning Outcomes
PHYSICS Workbook
• Doppler Effect</td></tr>
<tr><td>Chemical Change</td><td>All Learning Outcomes
UNITS 1, 2 & 3 CHEMISTRY Workbook
• Rates and extent of reactions
• Chemical Equilibrium
• Acids and Bases</td></tr>
<tr><td colspan="3">PHASE 3 (21 July 2013 – November 2013)</td></tr>
<tr><td>Electricity & Magnetism</td><td>All Learning Outcomes
UNITS 1 & 2 PHYSICS Workbook
• Electric circuits
• Electrodynamics</td><td rowspan="4">Task 5: Practical Investigation
Due Date: Week Ending
<u>26 July</u>

Task 6: Control Test
Week Ending: <u>26 July</u>

Task 7: Trial Examinations
(All Topics)
<u>29 August to 12 September</u>

<u>MATRIC FINALS</u></td></tr>
<tr><td>Matter & Materials</td><td>All Learning Outcomes
UNITS 1 & 2 PHYSICS Workbook
• Photoelectric effect
• Emission and absorption spectra</td></tr>
<tr><td>Chemical Change</td><td>All Learning Outcomes
UNIT 4 CHEMISTRY Workbook
• Electrochemistry</td></tr>
<tr><td>Chemical Systems</td><td>All Learning Outcomes
CHEMISTRY Workbook
• The Fertiser industry
• The Battery industry</td></tr>
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