

**GUANGYANG SECONDARY SCHOOL**

**2020 Semester 2 Plan for Secondary 3N Sc (Physics) (5105)**

**Curriculum**

**Textbook:** Discover Physics for GCE 'O' level Science – 4<sup>th</sup> Edition

**Theory Workbook:** All about Science Physics N-Level – 1<sup>st</sup> Edition

Chapter / Topic / Term 3 (Week)	Assignments/Tests	Workbook
5 – Turning effects of Forces (weeks 1-2)	Assignment	Worksheets 5A – 5E
7 – Pressure (week 3)	Assignment Weighted Assessment 2 (week 7)	Worksheets 6
Revision for WA 2 (week 4)	Revision Questions	-
WA 2 (week 5)	Test	
6 – Work, Energy and Power (weeks 6-7)	Assignment	Worksheets 7A – 7D
Term Break (week 8)		
Revision for WA 3 (week 9)	Revision Questions	-
WA 3 (week 10)	Test	
8 – Kinetic Model of Matter (week 11)	Assignment	Worksheet 8
9 – Transfer of Thermal Energy (weeks 12-13)	Assignment	Worksheets 9A – 9C
Chapter / Topic / Term 4 (Week)	Assignments/Tests	Workbook
Revision (weeks 1 and 2)		
Weeks 3 and 4	END OF YEAR EXAM	

**Assessment Plan**

<b>Semester 2</b>	Weighted Assessment	<b>Semester 2</b>	SA (End-of-year Exam)
	WA3 (15%)		55%

**Science (Phy, Chem) – 5105**

SA2 Components			Date	Guidelines
<b><u>Sc (Physics) Paper [1h 15 min]</u></b>			Week 3 and 4	<ul style="list-style-type: none"> <li>• All topics covered in 2020.</li> <li>• All papers are based on two subjects; Sc (Phy, Chem).</li> <li>• Please ensure that you have a calculator for the exam.</li> <li>• Answer all questions on spaces provided in the question papers.</li> </ul>
Part	Details	Marks		
I	Multiple choice questions	20		
II Section A	Structured questions	14		
Section B	Free response questions	16		
TOTAL: 50 marks				