

Term 1

Proposed Date/Week	Unit/Section	Topic
1	<b>SECTION E</b>	<b>ELECTROSTATICS</b>
2	<b>ELECTRICITY AND MAGNETISM</b>	
3		<b>CURRENT ELECTRICITY</b>
4		<b>ELECTRICAL QUANTITIES</b>
5		<b>CIRCUIT AND COMPONENTS</b>
6		
7		
8		
9		<b>ELECTRONICS</b>
10		<b>MAGNETISM</b>
11		<b>ELECTROMAGNETISM</b>
12		
13		
14		
15		

Term 2

<b>Proposed Date/Week</b>	<b>Unit/Section</b>	<b>Topic</b>
1	<b>SECTION F</b> <b>THE PHYSICS OF THE ATOM</b>	<b>MODELS OF THE ATOM</b>
2		<b>STRUCTURE OF THE ATOM</b>
3		<b>RADIOACTIVITY</b>
4		
5		
6		<b>NUCLEAR ENERGY</b>
7 TO 12	REVISION	

## **Modules**

- 1. Electric Charge**
- 2. Electric Fields**
  
- 3. Current Electricity**
- 4. Alternating Current**
  
- 5. Power and Energy**
  
- 6. Circuit Diagrams**
- 7. Cells**
- 8. I-V Relationships**
- 9. Resistance**
- 10. Electricity in the Home**
  
- 11. Rectification**
  
- 12. Permanent Magnets**
- 13. Magnetic Forces**
  
- 14. Electromagnetic Fields**
- 15. Electromagnetic Force**
- 16. Motors**
- 17. Loudspeakers**
- 18. Induced e.m.f.**
- 19. Transformers**

<b>Modules</b>
<ol style="list-style-type: none"><li><b>1. Models of the Atom</b></li><li><b>2. Particles in the atom</b></li><li><b>3. Radioactive Emissions</b></li><li><b>4. Half Life</b></li><li><b>5. Radioisotopes</b></li><li><b>6. Nuclear Energy</b></li></ol>