

## Triple Science - Year 10 Mock Revision

Discipline	Summer 1	Done
<b>Biology</b>	1. Cell division (B2)	
	2. Digestion (B3)	
	3. Food tests (B3)	
	4. pH and enzymes	
	5. The heart and blood vessels (B4)	
	6. Plant tissues (B4)	
	7. Pathogens and the immune system (B5)	
	8. Monoclonal antibodies (B6)	
	9. Drug development (B6)	
	10. Exercise and the heart (B9)	
	11. Photosynthesis	
<b>Chemistry</b>	1. Atomic structure, RAM and history of the atom (C1)	
	2. Group 1 reactivity	
	3. Covalent, ionic bonding and metallic bonding (C3)	
	4. Ionic, covalent compounds and metals and their properties (C3)	
	5. Chemical calculations (C4) Moles Concentration Relative formula mass Moles and gases	
	6. Acids and alkalis (pH) (C5)	
	7. Reactivity series	
	8. Redox reactions (C5)	
	9. Ionic and half-equations	
	10. Electrolysis (C6)	
<b>Physics</b>	1. Energy stores/transfers and calculations (P1)	
	2. Efficiency (P1)	
	3. Energy resources and data analysis (P3)	
	4. Circuit components, series and parallel circuits (P4)	
	5. Resistance, charge, current, potential difference, and calculations (P4)	
	6. The national grid (P5)	

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	<b>7. Latent heat of fusion and vaporisation (P6)</b>	
	<b>8. Pressure in gases and calculations (P6)</b>	
	<b>9. Radioactivity, half-life and dangers of radioactivity (P7)</b>	
	<b>10. Nuclear fission and fusion (P7)</b>	
<b>Required Practicals</b>	<p><b><u>Biology:</u></b></p> <ol style="list-style-type: none"> <li>1. Microbiology and aseptic technique</li> <li>2. Photosynthesis</li> <li>3. pH and enzymes</li> </ol> <p><b><u>Chemistry:</u></b></p> <ol style="list-style-type: none"> <li>1. Temperature Changes</li> <li>2. Titrations</li> <li>3. Making crystals</li> </ol> <p><b><u>Physics:</u></b></p> <ol style="list-style-type: none"> <li>1. Specific Heat Capacity</li> <li>2. IV characteristics</li> </ol>	