



Year 10 Science Curriculum Plan

Term	Curriculum content
Michaelmas 1	<p>6.1 Energy</p> <ul style="list-style-type: none">- Energy stores and systems- Changes in energy- Power- Conservation and dissipation of energy- Efficiency- Energy resources <p>4.2 Organisation</p> <ul style="list-style-type: none">- Principles of organisation- Animal tissues, organs and organ systems- Plant tissues, organs and organ systems
Michaelmas 2	<p>6.2 Electricity</p> <ul style="list-style-type: none">- Current, potential and resistance- Series and parallel circuits- Domestic uses and safety- Energy transfers <p>5.4 Chemical Changes</p> <ul style="list-style-type: none">- Reactivity of metals- Reactions of acids- Electrolysis
Trinity 1	<p>5.5 Energy Changes</p> <ul style="list-style-type: none">- Exothermic and endothermic reactions- Reaction profiles <p>6.6 Waves</p> <ul style="list-style-type: none">- Waves in air, fluids and solids- Electromagnetic waves
Trinity 2	<p>4.6 Inheritance, Variation and Evolution</p> <ul style="list-style-type: none">- Reproduction- Variation and evolution- Development of understanding of genetics and evolution- Classification <p>5.7 Organic Chemistry</p> <ul style="list-style-type: none">- Carbon compounds as fuels and feedstock
Lent 1	<p>5.6 Rate and Exchange of Chemical Change</p> <ul style="list-style-type: none">- Rate of reaction- Reversible reactions and dynamic equilibrium

Lent 2	Exam preparation
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