**Curriculum Overview**

|  | **Autumn** | **Spring**  | **Summer** |
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| **Year 7** | * **Practical Skills Unit**
* **Space**
* **Particles and Separation techniques**
* **Electrical circuits**
 | * **The Periodic table 1**
* **Cells & Microscopy 1**
* **Digestion and the digestive system**
* **Energy Fundamentals**
 | * **Human Reproduction**
* **Energy and You**
* **Ecosystems & Ecology**
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| **Year 8** | * **Genes and Evolution**
* **Types of Reaction**
* **Breathing**
* **The Reactivity series**
 | * **Waves & Light**
* **Acids and Alkalis**
* **Waves & Sound**
* **Respiration & Photosynthesis**
 | * **Forces**
* **Magnets & Electromagnetism**
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| **Year 9** | * **Atoms and the Periodic Table 2**
* **Cells and Microscopy 2**
 | * **Energy (Physics GCSE)**
* **Organisation (Biology GCSE)**
 | * **Structure and Bonding (Chemistry GCSE)**
* **Particle Model of Matter (Physics GCSE)**
* **Atomic Structure (Physics GCSE)**
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| **Year 10** | * **Infection and Response (Biology GCSE)**
* **Quantitative Chemistry (Chemistry GCSE)**
* **Waves (Physics GCSE)**
* **Recap of Organisation and Bioenergetics (Biology GCSE)**
* **Chemical Changes (Chemistry GCSE)**
* **Magnets & Electromagnets (Physics GCSE)**
 | * **Homeostasis & Response (Biology GCSE)**
* **Energy Changes (Chemistry GCSE)**
* **Rate and extent of chemical change (Chemistry GCSE)**
* **Electricity (Physics GCSE)**
* **Organic Chemistry (Chemistry GCSE)**
 | * **Organic Chemistry continued from Spring (Chemistry GCSE)**
* **Chemical analysis (Chemistry GCSE)**
* **Ecology (Biology GCSE)**
* **Forces (Foundation content only)\*\* Higher tier candidates will study the higher tier content if selected when they enter Y11.**
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| **Year 11** | * **Homeostasis and Response (Biology GCSE)**
* **Rates and extent of chemical change (Chemistry GCSE)**
* **Organic Chemistry (Chemistry GCSE)**
* **Chemical analysis (Chemistry GCSE)**
* **Forces (Higher and Foundation) (Physics GCSE)**
 | * **Inheritance, Variation and Evolution (Biology GCSE)**
* **Chemistry of the Atmosphere (Chemistry GCSE)**
* **Using Resources (Chemistry GCSE)**
* **Magnetism and Electromagnetism (Physics GCSE)**
* **Space (Triple Physics ONLY GCSE)**
 | * **Revision and Exams**
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