Long Term 5 Year Plan Greatfields Science Department

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|  | HT1 | HT2 | HT3 | HT4 | HT5 | HT6 | Course/Resources |
| Year 7 | Particles and Changes (12 lessons) | Cells and Reproduction (15 lessons) | Forces and Space (15 Lessons) | Elements, Compounds and Periodic Table (12 lessons) | Diet and Digestion (14 lessons) | Energy Transfers (10 Lessons) | Adapted Collins |
| Year 8 | Acids and Alkalis (15 lessons) | Body, Energy and Drugs (15 lessons) | Electricity (15 lessons) | Earth and the Environment (12 Lessons) | Plants and Ecosystems (12 lessons) | Waves: Light and Sound (16 lessons) | Adapted Collins |
| Year 9 | B1 Cell Structure and Transport (12 lessons)  B2 Cell Division (4 lessons) | C1 Atomic Structure (8 lessons)  C2 The Periodic Table (6 lessons)  C3.1 Bonding and Structure (4 lesson) | P1 Conservation and Dissipation of Energy (8 lessons)  P2 Energy Transfer by Heating (6 lessons)  P3 Energy Resources (4 lessons) | B3 Organisation and Digestive System (6 lessons)  B4 Organisation in Animals and Plants (8 lessons) | C3.2 Bonding and Structure (6 lessons)  C5 Chemical changes (8 lessons) | P4 Electric Circuits (8 lessons)  P5 Electricity in the home (6 lessons) | AQA |
| **Year 10**  **DOUBLE** | B5 Communicable Diseases (10 lessons)  B6 Preventing and Treating Disease (4 lessons)  B7 Non communicable Diseases (5 lessons)  B8 Photosynthesis (5 lessons) | C4 Chemical Calculations (8 lessons)  C6 Electrolysis (4 lessons)  C7 Energy Changes (4 lessons) | P6 Molecules and Matter (6 lessons)  P7 Radioactivity (8 lessons)  P8 Forces in balance (8 lessons) | B9 Respiration (4 lessons)  B10 Human Nervous System (3 lessons)  B11 Hormonal Control (8 lessons) | C8 Rates of Reaction (6 lessons)  C13 Earth’s Atmosphere (4 lessons)  C14 Earth’s Resources (4 lessons)  C15 Using Resources (6 lessons) | P9 Motion (6 lessons)  P10 Force and Motion (6 lessons)  P12 Waves (6 lessons) | AQA |
| **Year 11**  **DOUBLE** | B13 Reproduction (6 lessons)  B14 Variation and Evolution (6 lessons)  B15 Genetics and Evolution (2 lessons)  B16 Adaptations, Interdependence and Competition (4 lessons)  B17 Organising an Ecosystem (3 lessons)  B16 Biodiversity (4 lessons) | C12 Chemical Analysis (6 lessons)  C9 Crude Oil (4 lessons)  C10 Organic Reactions (4 lessons)  C11 Polymers (3 lessons) | P13 EM Waves (6 lessons)  P14 Light (4 lessons)  P15 Electromagnetics (6 lessons)  P16 Space (4 lessons) |  |  |  | AQA |