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 |