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|  | **Term 1**  **Key knowledge/skills** | **Term 2**  **Key knowledge/skills** | **Term 3**  **Key knowledge/skills** |
| **EYFS** |  |  |  |
| **Y1** |  |  |  |
| **Y2** |  |  |  |
| **Y3** |  |  |  |
| **Y4** |  |  |  |
| **Y5** |  |  |  |
| **Y6** |  |  |  |
| **Y7** |  |  |  |
| **Y8** |  |  |  |
| **Y9** | C1 – Atomic structure C2 – The periodic table C3 – Structure and bonding | C4 – Chemical calculations | C5 – Chemical changes  C6 – Electrolysis |
| **Y10** | C6 – Electrolysis  C7 - Energy changes  C8 - Rates and equilibrium  C9 - Crude oil and fuels | C10 - Organic reactions  C11 – Polymers  C12 - Chemical analysis | C13 - The Earth's atmosphere  C14 - The Earth's resources |
| **Y11** | C13 - The Earth's atmosphere  C14 - The Earth's resources  C15 - Using our Resources | Mock Exams  Feedback  Revision | Revision |
| **Y12** | Teacher 1  3- Amount of substance  5- Electrons and bonding  6- Shapes of molecules and intermolecular forces  11- Basic concepts of organic chemistry  12-Alkanes  13-Alkenes  Teacher 2  2-Atoms, ions and compounds  4-Acids and redox  7-Periodicity  8-Reactivity trends | Teacher 1  13-Alkenes  14-Alcohols  15-Haloalkanes  16-Organic Analysis  Required Practical Catch Up  Revision  Teacher 2  9-Enthalpy  10-Reaction rates and equilibrium  Required Practical Catch Up  Revision | Teacher 1  Required Practical Catch Up  Revision  25-Aromatic Compounds  Teacher 1  Required Practical Catch Up  Revision  18-Rates of reactions |
| **Y13** | Teacher 1  25-Aromatic Compounds  26 Carbonyls and carboxylic acids  27 Amines, amino acids, and polymers  28 Organic synthesis  Teacher 2  18-Rates of reactions  19-Equilibrium  20-Acid, bases and pH  21-Buffer and Neutralisation  22-Enthalpy, Entropy & Free Energy | Teacher 1  29 Chromatography and spectroscopy  Required Practical Catch Up  Teacher 2  23-Redox and electrode potentials  24-Transition elements  VIMA 2 | Teacher 1  Required Practical Catch Up  Revision  Teacher 2  Required Practical Catch Up  Revision |