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| **Week****GCSE Chemistry/ Year11/ SOW/ 2023-2024** | **Topic-Theory** | **Practical** | **Cross curricular** | **Assessment** |
| 1 | Electrolysis |  |  |  |
| 2 | Electrolysis |  |  |  |
| 3 | Chemical Changes |  |  |  |
| 4 | Chemical changes |  |  |  |
| 5 | Extraction of metals |  |  |  |
| 6 | Chemical calculation |  |  |  |
| 7 | Preparation of salt | Prep of Salt(RP1) |  |  |
| 8 | Chemical changes- consolidation |  |  | MA1 |
| 9 | OctHalf Term Holidays |  |  |  |
| 10 | Half Term Holidays |  |  |  |
| 11 | Energy changes | Temp Changes(RP4) |  |  |
| 12 | Fuel Cells |  |  |  |
| 13 | Neutralisation(Repeat) | Titration(RP2) |  |  |
| 12 | Titration calculations |  |  |  |
| 13 | Using our resources ,Rusting |  |  | Mocks |
| 14 | LCA & 3R’s |  |  |  |
| 15 |  |  |  |  |
| 16 | Chemical calculations |  |  |  |
| 17 | DecTerm Holidays |  |  |  |
| 18 | Term Holidays |  |  |  |
| 19 | Organic reactions |  | Test |  |
| 20 | Rate of Reaction | Effect of temp |  |  |
| 21 | Equilibrium | Prep of Fertiliser |  |  |
| 22 | Equilibrium conditions |  |  |  |
| 23 | Carboxylic acids, Esters |  |  |  |
| 24 | Chemical Analysis (Repeat) |  |  |  |
| 25 | FebHalf Term Holidays |  |  |  |
| 26 | Mock2 Feedback/ Gap analysis |  |  |  |
| 27 | PolymersC11, C15 |  |  |  |
| 28 | Chemical Reactions & Energy changes |  |  |  |
| 29 | Chemical calculations |  |  |  |
| 30 | Electrolysis |  |  |  |
| 31 | Structure and Bonding |  |  |  |
| 32 | Term Holidays |  |  |  |
| 33 | Term Holidays |  |  |  |
| 34 | Rate & Equilibrium |  |  |  |
| 35 | Organic & Pollution |  |  |  |
| 36 | Chemical changes& Resources |  |  |  |
| 37 | Paper1 |  |  |  |
| 38 |  |  |  |  |
| 39 |  |  |  |  |
| 40 | Half Term Holidays |  |  |  |
|  | Examinations |  |  |  |

***Curriculum intent, implementation and impact in Chemistry***

In the chemistry lessons at Brook Sixth Form & Academy, we intent to shape independent learners by providing knowledge, inspiring them to create an ethos of curiosity where children are confident to question and make them effective communicators.

Here we implement our intent though raising aspirations and opening the children’s eyes to a world beyond their immediate surroundings.

We aim at a group of active learners who can develop their own ideas and make links between ideas and explore ways to do achieve their dreams.