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| **Week** |  | **Topic-Theory****Year Planner/2023-2024/ Chemistry/Year13(A Level)** | **Practical** | **Assessment** | **Comments** |
| 1 |  | 18.Kinetics | Demo |  |  |
| 2 |  | Kinetics | Req.practical,7a | Topic Test |  |
| 3 |  | 19.Equilibrium constant | Req.Practical,7b  |  |  |
| 4 |  | 20.Electrode Potential | 8a | Topic test |  |
| 5 |  | 17. Thermodynamics | 8b |  |  |
| 6 |  | 21.Acids & Bases | 9a |  |  |
| 7 |  | 21. Buffer | 9b | Catch up |  |
|  |  | Half Term Holidays |  |  |  |
|  |  |  |  |  |  |
| 8 |  | Nomenclature |  |  Test |  |
| 9 |  | Carbonyl group | 10a |  |  |
| 10 |  | Carbonyl group | 10b | Topic test |  |
| 11 |  | Aromatic Chemistry |  |  |  |
| 12 |  | Amines |  | Topic Test |  |
| 13 |  | Polymerisation | Catch up |  |  |
| 14 |  | Amino acids& Proteins |  |  |  |
| 15 |  | DNA |  | Topic Test |  |
|  |  | Term Holidays |  |  |  |
|  |  |  |  |  |  |
| 16 |  | Org. Synthesis & Analysis |  | Test |  |
| 17 |  | Structure Determination | Catch up |  |  |
| 18 |  | Structure Determination |  |  |  |
| 19 |  | Chromatography | 12 | Topic Test |  |
| 20 |  | Organic |  |  |  |
| 21 |  | Organic |  |  |  |
|  |  | Half Term Holidays |  |  |  |
| 22 |  | Periodicity |  | Test |  |
| 23 |  | Transition Metals | 11a |  |  |
| 24 |  | Transition metals | 11b | Topic Test |  |
| 25 |  | Reactions of In Org Comp  |  |  |  |
| 26 |  | Reactions of In Org Comp |  |  |  |
| 27 |  | Revision | Catch up | Topic test |  |
| 28 |  | Revision |  |  |  |
|  |  | Term Holidays |  |  |  |
|  |  |  |  |  |  |
| 29 |  | Paper1 |  | Test |  |
| 30 |  | Paper2 | Catch up |  |  |
| 31 |  | Paper3 |  |  |  |
| 32 |  | Practical Skill Que | Demo |  |  |
| 33 |  | MCQ |  |  |  |
|  |  | 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.