**10-Week Plans (Year 13)**

Department: A-level chem

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|  | **Teaching and Learning** | **Assessment** | **Independent work** |
|  | **NST** | **EMA** |  |  |
| **W.c. Mon 21 Feb** | 3.1.12 strong and weak acids and bases | 3.2.5 Transition metals | Transition metals assessed homework | Chemsheets task and exam questions |
| Isomerisation revision and exam questions |
| **W.c. Mon 28 Feb** | 3.1.12 Titration curves | 3.2.5 Transition metals | Acids and bases assessed homework | Chemsheets task and exam questions |
| Polymers revision and exam questions |
| **W.c. Mon 7 Mar** | 3.1.12 RP titration | 3.2.6 Aqueous ions | Aqueous ions assessed homework | Chemsheets task and exam questions |
| Carbonyl revision and exam questions |
| **W.c. Mon 14 Mar** | 3.1.12 Buffers | 3.2.6 Aqueous ions | Aq ions test | Chemsheets task and exam questions |
| Alcohols revision and exam questions |
| **W.c. Mon 21 Mar** | 3.1.12 revision acids, bases and buffers | Mock paper 1 revision | Paper 1 mock Friday | Chemsheets task and exam questions |
| Alkanes revision and exam questions |
| **W.c. Mon 28 Mar** | 3.1.12 acids, bases and buffers test | RP11 | 3.1.12 acids, bases and buffer test | Mixed paper 1 exam questions |
| Organic analysis revision and exam questions |
| **Easter** |  |  | Paper 3 (homework) |  |
| **W.c. Mon 18 Apr** | 3.1.1 Atomic structure and 3.1.6 equilibria | RP10b | Paper 2 past paper homework | Periodicity revision and exam questions |
| Carbonyl revision and exam questions |
| **W.c. Mon 25 Apr** | 3.1.10 Equilibria and 3.3.1 thermodynamics | 3.2.3 Group 7 and 3.1.2 amounts of substance | Paper 1 past paper homework | Oxidation, reduction and redox revision and exam questions |
| Amines revision and exam questions |
| **W.c. Mon 2 May** | 3.1.9 Rates equations and determination of rates (including RP7) | 3.1.3 Bonding and 3.3.1 intro to organic chem and 3.3.3 haloalkanes | Paper 2 past paper homework | Kinetics revision and exam questions |
| Amounts of substance revision and exam questions |
| **W.c. Mon 9 May** | Acids, bases and buffers | 3.3.13 Amino acid, proteins and DNA, and 3.3.4 alkenes | Paper 1 past paper homework | Energetics revision and exam questions |
| Reaction of aq..ions revision and exam questions |
| **W.c. Mon 16 May** |  |  |  |  |
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| **W.c. Mon 23 May** |  |  |  |  |
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