

## GCSE CHEMISTRY CURRICULUM MAP | 2026/27

Accelerated Pearson Edexcel programme · Two focused 30-minute live lessons each week · Every lesson recorded

| CLASS                                                                                                                                                            | AUTUMN TERM                                                                                                                              |                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                           | SPRING TERM · TOPIC TEACHING COMPLETED BY EASTER                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SUMMER EXAM PREPARATION                                                                                                                                                                                                                    |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                         |
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| YEAR / PROGRAMME                                                                                                                                                 | SEPTEMBER<br>0 LESSONS                                                                                                                   | OCTOBER<br>2 LESSONS                                                                                                                                                                                                        | NOVEMBER<br>6 LESSONS                                                                                                                                                                                                                                                                                                                                                                                               | DECEMBER<br>6 LESSONS                                                                                                                                                                                                                                                                                                                                                                     | JANUARY<br>8 LESSONS                                                                                                                                                                                                                                                                                                                                                                                                                                               | FEBRUARY<br>6 LESSONS                                                                                                                                                                                                                                                                                                                 | MARCH<br>8 LESSONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | APRIL<br>6 LESSONS                                                                                                                                                                                                                         | MAY<br>8 LESSONS                                                                                                                                                                                                                     | JUNE<br>2 LESSONS                                                                                                                                                                                                       |
| <div>GCSE CHEMISTRY<br/>Pearson Edexcel (1CH0)</div> <div>Foundation core +<br/>Higher-tier extensions</div> <div>Two 30-minute live<br/>lessons each week</div> | <div>PROGRAMME STARTS<br/>IN OCTOBER</div> <div>No live Chemistry lessons<br/>in September</div> <div>First lesson:<br/>Tue 20 Oct</div> | <div>TOPIC 1<br/>ATOMIC STRUCTURE &amp;<br/>PERIODIC TABLE</div> <div>Atomic structure, isotopes<br/>&amp; relative atomic mass</div> <div>Electronic configuration</div> <div>Mendeleev &amp; the<br/>periodic table</div> | <div>TOPIC 1 + TOPIC 2<br/>BONDING, QUANTITATIVE<br/>CHEMISTRY &amp; MIXTURES</div> <div>Ionic, covalent &amp;<br/>metallic bonding</div> <div>Structures, properties<br/>&amp; carbon allotropes</div> <div>Formula mass, empirical formulae,<br/>moles &amp; concentration</div> <div>States, mixtures, separation<br/>&amp; potable water</div> <div>Core practical: chromatography<br/>&amp; distillation</div> | <div>TOPIC 3 + START TOPIC 4<br/>CHEMICAL CHANGES<br/>&amp; REACTIVITY</div> <div>Acids, alkalis, pH<br/>&amp; neutralisation</div> <div>Salts, solubility, precipitation<br/>&amp; gas tests</div> <div>Electrolysis, half-equations<br/>&amp; redox</div> <div>Reactivity series &amp;<br/>metal extraction</div> <div>Core practicals: pH, copper<br/>sulfate &amp; electrolysis</div> | <div>TOPICS 4 &amp; 5<br/>METALS, EQUILIBRIA &amp;<br/>QUANTITATIVE CHEMISTRY</div> <div>Extraction, recycling<br/>&amp; life-cycle assessment</div> <div>Reversible reactions<br/>&amp; dynamic equilibrium</div> <div>Transition metals, corrosion<br/>&amp; alloys</div> <div>Titration, concentration, yield,<br/>atom economy &amp; gas volumes</div> <div>Haber, fertilisers, chemical<br/>cells &amp; fuel cells</div> <div>Core practical: titration</div> | <div>TOPICS 6 &amp; 7<br/>PERIODIC GROUPS,<br/>RATES &amp; ENERGETICS</div> <div>Groups 1, 7 &amp; 0</div> <div>Rates, collision theory<br/>&amp; catalysts</div> <div>Rate graphs &amp;<br/>practical analysis</div> <div>Exothermic / endothermic,<br/>bond energies &amp; reaction profiles</div> <div>Core practical: rates</div> | <div>TOPICS 8 &amp; 9<br/>FUELS, EARTH SCIENCE<br/>&amp; ORGANIC CHEMISTRY</div> <div>Crude oil, combustion,<br/>pollutants &amp; cracking</div> <div>Atmosphere, greenhouse effect<br/>&amp; climate evidence</div> <div>Ion tests &amp;<br/>instrumental analysis</div> <div>Alkanes, alkenes &amp; polymers</div> <div>Alcohols, carboxylic acids<br/>&amp; fermentation</div> <div>Nanoparticles, materials<br/>&amp; synoptic application</div> <div>Core practicals: ion tests<br/>&amp; alcohol combustion</div> | <div>PAPER 1 PREPARATION</div> <div>Topics 1-5</div> <div>Teacher modelling</div> <div>Quantitative calculations</div> <div>Core-practical questions</div> <div>Guided past-paper practice</div> <div>Live feedback &amp; reteaching</div> | <div>PAPER 1 → PAPER 2</div> <div>Before Paper 1:<br/>Topics 1-5 only</div> <div>Paper 1: Mon 17 May</div> <div>After Paper 1:<br/>Paper 2 only</div> <div>Topics 1, 6-9</div> <div>Teacher modelling &amp;<br/>timed practice</div> | <div>PAPER 2 ONLY</div> <div>Full-paper practice</div> <div>Targeted weak-topic<br/>reteaching</div> <div>Calculations &amp;<br/>practical analysis</div> <div>Paper 2: Tue 15 June</div> <div>Programme complete</div> |

OUR LIVE-LESSON MODEL: Retrieve → Explain & model → Guided practice → Independent exam application → Live feedback

Full Pearson Edexcel 1CH0 content is taught by Easter. Formulae, equations, hazards, maths skills and core-practical exam technique are embedded throughout. Required hands-on practical completion remains with the student's school or centre. From 12 April, live lessons switch entirely to paper-specific exam practice.

2027 EDEXCEL GCSE CHEMISTRY EXAM DATES · Paper 1: Mon 17 May · Paper 2: Tue 15 June