ROUNDHAY
SIXTH FORM

**2026-27 KS5 Learning Plan Year 12: Chemistry**

**Notes:**

- This plan is set before the start of the academic year and therefore may be subject to minor changes if necessary.
- Each half term homework covered outside of lessons will include both current content and re-visiting of previous learning as you progress through the year
- Homework in Biology, Chemistry, Physics, Economics and Psychology will include the equivalent of 2 hours of Up Learn per week (online learning platform)
- There will be some form of assessment each half term – dates will be confirmed by class teachers. Details of what this will assess are included in the learning plan

| **Date** | **Teacher 1<br>Lesson Content** | **Independent Learning will cover:** | **Teacher 2<br>Lesson Content** | **Independent Learning will cover:** |
|---|---|---|---|---|
| 7/9/26 | 3.1.1 Atomic Structure | - GCSE Revision | 3.1.3 Bonding | - GCSE Revision |
| 14/9/26 | 3.1.1 Atomic Structure | | 3.1.3 Bonding | |
| 21/9/26 | 3.1.1 Atomic Structure | | 3.1.3 Bonding | |
| 28/9/26 | 3.1.1 Atomic Structure | | 3.1.3 Bonding | |
| 5/10/26 | 3.1.1 Atomic Structure | | 3.1.3 Bonding | |
| 12/10/26 | 3.1.2 Amounts | | 3.1.3 Bonding | |
| 19/10/26 | 3.1.2 Amounts | | 3.1.3 Bonding | |
| HT1 Assessment | Transition Work | | | |
| Half Term | | | | |
| 2/11/26 | 3.1.2 Amounts | - Atomic Structure<br>- Amounts | 3.3.1 Intro to Organics | - Bonding<br>- Intro to Organics |
| 9/11/26 | 3.1.2 Amounts | | 3.3.1 Intro to Organics | |
| 16/11/26 | 3.1.2 Amounts | | 3.3.1 Intro to Organics | |
| 23/11/26 | 3.1.2 Amounts | | 3.3.2 Alkanes | |

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| 30/11/26 | 3.1.2 Amounts | | 3.3.3 Halogenoalkanes | |
| 7/12/26 | 3.1.2 Amounts | | 3.3.3 Halogenoalkanes | |
| 14/12/26 | 3.1.2 Amounts | | 3.3.3 Halogenoalkanes | |
| HT2 Assessment | 3.1.1 Atomic Structure, 3.1.2 Amounts, 3.1.3 Bonding | | | |
| Christmas Holiday | | | | |
| 4/1/27 | 3.1.4 Energetics | Revision | 3.3.3 Halogenoalkanes | Revision |
| 11/1/27 | 3.1.4 Energetics | Revision | 3.3.3 Halogenoalkanes | Revision |
| 18/1/27 | Y12 A level Mock Exams – Study leave | | | |
| 25/1/27 | 3.1.4 Energetics | - Amounts<br>- Past Papers | 3.3.4 Alkenes | - Halogenoalkanes<br>- Past Papers |
| 1/2/27 | 3.1.4 Energetics | | 3.3.4 Alkenes | |
| 8/2/27 | 3.1.4 Energetics | | 3.3.4 Alkenes | |
| HT3 Assessment | This half term's assessment will be the mock exam | | | |
| Half Term | | | | |
| 22/2/27 | 3.1.5 Kinetics | - Energetics<br>- Past Papers | 3.3.4 Alkenes | - Alkenes<br>- Past Papers |
| 1/3/27 | 3.1.5 Kinetics | | 3.3.5 Alcohols | |
| 8/3/27 | 3.1.6 Equilibria & Kc | | 3.3.5 Alcohols | |
| 15/3/27 | 3.1.6 Equilibria & Kc | | 3.3.5 Alcohols | |
| 22/3/27 | 3.1.6 Equilibria & Kc | | 3.3.5 Alcohols | |
| 29/3/27 | 3.1.6 Equilibria & Kc | | 3.3.5 Alcohols | |
| HT4 Assessment | 3.1.2 Amounts, 3.1.4 Energetics, 3.3.1 Intro to Organics, 3.3.3 Halogenoalkanes | | | |
| Easter Holiday | | | | |
| Easter Holiday | | | | |
| 19/4/27 | 3.1.7 Redox | - Kinetics<br>- Equilibria & Kc<br>- Past Papers | 3.3.6 Organic Analysis | - Alcohols<br>- Past Papers |
| 26/4/27 | 3.1.7 Redox | | 3.3.6 Organic Analysis | |
| 3/5/27 | 3.1.7 Redox | | 3.3.6 Organic Analysis | |
| 10/5/27 | 3.2.2 Group 2 | | 3.3.6 Organic Analysis | |

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| 17/5/27 | 3.2.3 Group 7 | | 3.2.1 Periodicity | |
| 24/5/27 | 3.2.3 Group 7 | | 3.2.1 Periodicity | |
| HT5 Assessment | 3.1.5 Kinetics, 3.1.6 Equilibria & Kc, 3.3.4 Alkenes, 3.3.5 Alcohols | | | |
| Half Term | | | | |
| 7/6/27 | 3.2.3 Group 7 | - Redox<br>- Past Papers | Revision | - Organic Analysis<br>- Past Papers |
| 14/6/27 | Revision | | Revision | |
| 21/6/27 | Revision | | Revision | |
| 28/6/27 | Y12 A level Mock Exams – Study Leave | | | |
| 5/7/27 | WEX | | | |
| 12/7/27 | | | | |
| 19/7/27 | | | | |
| HT6 Assessment | This half term's assessment will be the mock exam. | | | |