**ALL HALLOWS RC HIGH SCHOOL**



**SCIENCE Curriculum Overview**

**September 2022**

**HOD: M. Beacom**

**Curriculum Intent**

**Our Intent**

At All Hallows Science Department, we aim to give our pupils a KS3 & KS4 curriculum that is broad, balanced and relevant. We want to promote a love for learning and enquiry, as well as making science engaging and intellectually challenging. We strive for our pupils to learn and master skills which will help them understand and process the Science of yesterday, today and the future.

* **We aim** to create engaging lessons that promotes teaching for understanding rather than covering fragmented content.
* **We aim** to teach the pupils the KS3 National curriculum and use a logical order of objectives which uses big ideas to equip students for success at GCSE later on and in life.
* **We aim** to group topics so they are in a sequenced and logical order; a spiral idea where topics have a natural progression in order of increasing difficulty and understanding.
* **We aim** to have a bigger focus on practical skills in each topic so pupils are better prepared for 'working scientifically' type questions
* **We aim** for assessments to be interleaved so pupils are constantly revisiting previous topics to ensure their learning is holistic and not in a modular format.
* **We aim** to use various strategies to make sure pupils remember what they need to learn and retain it in their long term memory.

**How will we do it?**

* To develop scientific **knowledge and conceptual understanding** through the specific disciplines of biology, chemistry and physics.
* To develop **critical thinkers** by understanding the **nature, processes** and **methods of science** through different types of science enquiries that help them to answer scientific questions about the world around them.
* To be equipped with the scientific knowledge required to understand the **uses** and **implications** of science, today and for the future.
* To be **scientifically literate (fundamental and derived)** and therefore make informed decisions about everyday life and have an understanding of how science is practised by being able to describe, analyse and evaluate scientific charts, texts and graphs.
* To have an **appreciation for the natural world** around them and how to maintain a balanced lifestyle
* To have **fundamental experimental skills** todevelop a line of enquiry based on observations of the real world, alongside prior knowledge and experience

**KS3 Scheme of Work 2022/2023**

| **Year** | **Term 1** | **Term 2** | **Term 3** |
| --- | --- | --- | --- |
| **Year 7** | 1. [Matter - Particle model and separating mixtures](https://docs.google.com/document/d/1cgHtXirr8pRM-LtXiM9Lhxz8vxDkFulZDPD4fWZllko/edit?usp=sharing) 2. [Reactions - metals, non-metals and acids-alkali](https://docs.google.com/document/d/1o-K9ri8zWlQ775Yd3_x19w5C8a8vEh3utr7-7NmOHo8/edit?usp=sharing) 3. [(a) Earth - structure](https://docs.google.com/document/d/11OQoIi5q18-TMUZi8z_CBmaxzV5NhSylXgJ_6wNSpuE/edit?usp=sharing) | 3. [(b) Earth: Universe](https://docs.google.com/document/d/11OQoIi5q18-TMUZi8z_CBmaxzV5NhSylXgJ_6wNSpuE/edit?usp=sharing)   1. [Energy - energy costs and energy transfer](https://docs.google.com/document/d/1pJPbUGle5j_wh5jPGmwXxsyylJshc-h56XYWGjxOSFI/edit?usp=sharing) 2. [Forces - Speed and Gravity](https://docs.google.com/document/d/1wL3p6tvIznbhAihyhhI_CMosaknHI6pgZnllpORqqwQ/edit?usp=sharing) | 1. [Electromagnetism - Voltage, resistance and current](https://docs.google.com/document/d/1Qroy37jtyUfd6HaxhvvoxhJi-oQS8wPtXybWP2qv8rc/edit?usp=sharing) 2. [Waves - Sound and light](https://docs.google.com/document/d/1eEUGdi3gi1ajpcPjhZcD_tuOd47fTeE225DsHFMZ93U/edit?usp=sharing) 3. [Ecosystems - interdependence and plant reproduction](https://docs.google.com/document/d/1X_ShLhr8Jji6BEc3zwXI7KZxw37F6tMABCOi4e5VPHI/edit?usp=sharing) |
| **Assessment(s) completed by** | 1 ***(2nd Nov)*** and 2+3a ***(16th Dec)*** | 3b\* **(*end Jan)*** and 4+5 ***(29th Mar)*** | 6+7 ***(mid-Jun)*** and 8 ***(14th Jul)*** |
| **Year 8** | 1. [Organisms - Movement and cells](https://docs.google.com/document/d/1SkS4Mh1hyOlftGSlxozFY201AcdBwHvRz7VfcNzYdB4/edit?usp=sharing) 2. [Genes - variation and human reproduction](https://docs.google.com/document/d/1afAC1lsB1qnsnkxefBnTnPNECdcQEQnq1PX4praHZ_4/edit?usp=sharing) 3. [Matter - Periodic table and elements](https://docs.google.com/document/d/19FOkJCdNkGpnIJRZUS-5BER92NpPRJDWnmH99mfdAAQ/edit?usp=sharing) | 1. [Reaction - chemical energy and types of reaction](https://docs.google.com/document/d/1eGqte19HxcjbqN0U17EfCiIMpL_VFcfQHQFVeKJG_xs/edit?usp=sharing) 2. [Earth - climate and Earth's resources](https://docs.google.com/document/d/1ryYWnTjxAPiBOjBP6GvkSuB65iR9uubBpfgDbvgSyPM/edit?usp=sharing) 3. [Electromagnetism - magnetism and electromagnetism](https://docs.google.com/document/d/16Zx2fcRlvlwPb84CxjyP-C3T2NwML5EEhQqPdW4o_Fs/edit?usp=sharing) | 1. [Waves - wave effects and wave properties](https://docs.google.com/document/d/1gDu5BL0hBp2RervGSH2MuSLhuI35vD2H1LvBYWZe56A/edit?usp=sharing) 2. [Energy - work, heating and cooling](https://docs.google.com/document/d/16mxyTmipmKAifXrZ7USwl7Ga7bXV_AIOfwhy1asEBb8/edit?usp=sharing) 3. [Forces - contact forces and pressure](https://docs.google.com/document/d/18zdZzB-DRn37f5XuDtRBcnQ1zidBkhXaPzoZt_xEX7s/edit?usp=sharing) |
| **Assessment(s) completed by** | 9 ***(2nd Nov)*** , 10 and 11\* ***(16th Dec)*** | 12+13 ***(mid-end Feb)*** and 14 ***(29th Mar)*** | 15+16 ***(mid-Jun***) and 17 ***(14th Jul)*** |
| **Year 9** | 1. [Organisms - breathing and digestion](https://docs.google.com/document/d/1YswsofwJw38EbU-oWvAhjXHij7UjeY9UiMJ7EwGlLLk/edit?usp=sharing) 2. [Ecosystems - respiration and photosynthesis](https://docs.google.com/document/d/1s0PwBdVELkDd5-XlmGwc1Ys1XnLY2HQuQXDVvK_cvfs/edit?usp=sharing) 3. [Genes - Evolution and inheritance](https://docs.google.com/document/d/1s_zLyquaofs1z2G6oY2XqDn4_nnK1VSNOV6qBb1-K8w/edit?usp=sharing) | 1. [Matter: Atoms and Periodic Table](https://docs.google.com/document/d/115moF-SDPW1Nq-CySTa25l9gFyf-GKERTzQ0NDxwOUI/edit?usp=sharing) 2. [Reactions: Bonding between elements](https://docs.google.com/document/d/1rM8DsrY1ZLOxgNG3qRLbiQGaoNxni9OOymY6SvEVJ5g/edit) 3. [Reactions: Energy changes in Chemistry](https://docs.google.com/document/d/1rNJP41hYWswjYUnxCzjbIWSY4Y6HFYnBWP_9UzVnd6c/edit) | 1. [Energy: Changes in Energy](https://docs.google.com/document/d/1KQm3dfQc9HrcoHSq0yWjQCQC8QNfRE_KfrHl1XrFniE/edit) 2. [Energy: Density, Particles and Pressure](https://docs.google.com/document/d/1-1pw1SrwU6uZ5bGD0tEXh2qvkDCZFxfI-OKtZkMPGCk/edit) 3. [Waves: Uses of waves, lenses and radiation](https://docs.google.com/document/d/1W3egaE3PHouj7intqg2S1LsAiFV4E93U5QuK8fuiPVM/edit?usp=sharing) |
| **Assessment(s) completed by** | 18 ***(2nd Nov)*** and 19+20 ***(16th Dec)*** | 21, 22 and 23 ***(29th Mar)*** | 24, 25 and 26 ***(14th Jul)*** |

**KS4 Scheme of Work 2022/2023**

| **Year** | **Term 1** | | |  | **Term 2** | | | |  | **Term 3** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | [**B4: Bioenergetics**](https://docs.google.com/document/d/1imIgXedaTORzrsc-HcBLKD2eAimzPvLvjSkuXqOrPoo/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1onoU5xfi-OMfupiPwChyA7GLwPUD3KR8?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1U6q4cycBI82bNBQp8IAB2IfceAKYj5wH?usp=sharing) | [**C2: Structure & Bonding**](https://docs.google.com/document/d/1a8h1pAW4xXvwhsgIcfmgfrgYNeARYCVfSy883IloUXU/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1poRcwAAxot8yUbcHkpPg2y8bWpZy4Emc?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1s7c22wrmMae4orFv-xPxgI2CReYgmmSM?usp=sharing) | [**P1:**](https://docs.google.com/document/d/1M6odrCbwwZ-LRYHdETpK950QSyEqLcOjiW3Dz6ROuS8/edit?usp=sharing)  [**Energy**](https://docs.google.com/document/d/1M6odrCbwwZ-LRYHdETpK950QSyEqLcOjiW3Dz6ROuS8/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1v4w0VVIgb6HjtQ_OagjQrS1W0LqxGyQO?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1jr7Kgpgb1Vl5Qj9MkpGT1c3FEUQ02J4u?usp=sharing) |  | [**B3: Infection & response**](https://docs.google.com/document/d/1DhsJGFflfPn3NtassGv8aPchCTLa3bD-E9LuCvzhFns/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1GVtGGB-bXmg6jBHdElIxBDR_5UEAN8F3?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/17aFY4YP7Lzg3e048Mczd8E00XFNThAxV?usp=sharing) | [**C4: Chemical Change**](https://docs.google.com/document/d/1ra2dk1NobipTz7wCu6GTvv1l6G9FeBXgBYPOWIyC4Vg/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1XYLhqEZZEAfIRqoCDqhZkyx44Rpj8gY4?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1lm-_NAvNe1Cf4jDOnGDu_hB3BJMYBb2U?usp=sharing) | | [**P5: Forces and Motion**](https://docs.google.com/document/d/1MclosUp0CPcSZ0cHLtdk6ew9Jhg2qmSpo71K-H2pGGQ/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1uDvxJ9vyuDVkLJcS7B28dFrnvg3oCigb?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1nPAzBnGDZCWbM61uTBYSAoc_wVDQ6P6D?usp=sharing) |  | [**B5a:**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  [**Homeostasis & Response (Nerves)**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  **Assessments**  [**Keywords**](https://drive.google.com/drive/folders/16fsl5Z0GTow-oUj99IY5QuA2nHE7cuEP?usp=sharing) | [**C3: Quantitative Chemistry**](https://docs.google.com/document/d/18bgjzP-RV8B8ORCKyYz-qmSyn-r-hRQrJHAPKUNRcJc/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1LDrjF_mA2p55M5ppUvpzauiLejlDSs2h?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1B_N98sQtwytkVDzpyOdNKrABWMoWf7zn?usp=sharing) | [**P4: Radioactivity**](https://docs.google.com/document/d/1Mcr7zY2jhakohyZjlXkvV8dJLXp-q6gu9pmNdIxXB7U/edit?usp=sharing)  **Assessments**  [**Keywords**](https://drive.google.com/drive/folders/1X4Udcmw5LeQf2MKD1JPgmNUXqOMr70C7?usp=sharing)  ***P8: Space***  [**Assessments**](https://drive.google.com/drive/folders/1r6h-yiuaBc9UOpepH05-o6Z13Wqegi-K?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1g-ib-ImU0ZVRF3FZ6FEYDAJN0791P3yg?usp=sharing) |
| **Practical** | [**Photosynthesis**](https://drive.google.com/drive/folders/1cj5QnWm6cIh3evqcj5XguhSxv10uWZqu?usp=sharing) |  | [***Thermal insulation***](https://drive.google.com/drive/folders/1DmAHi8vcjLsElJREC3iB8i7po-hgzgAY?usp=sharing) |  | [***Microbiology***](https://drive.google.com/drive/folders/1BXqZKInNPXM0FHZBSfO-JdKnHST4JSOr?usp=sharing) | [**Making salts**](https://drive.google.com/drive/folders/1IWfJqLbFpuGdhd0OAvRBrMbqt3qD4Pzl?usp=sharing)  [**Electrolysis**](https://drive.google.com/drive/folders/1XDyIYA4Iu5j2qDQNe-q2rngg94ZZ6ksa?usp=sharing)  [***Neutralisation***](https://drive.google.com/drive/folders/1UP-tAKr7kAkOaUP7E5VLB_Mf_4-bMr5j?usp=sharing) | | [**Extension of a spring**](https://drive.google.com/drive/folders/13M_wPQP4SrxGKB-336Y93abnseQ_7fmP?usp=sharing)  [**Acceleration**](https://drive.google.com/drive/folders/1ZjJYYc81LLmnnqAyX7Ub3mURtSo2fpHu?usp=sharing) |  | [**Reaction time**](https://drive.google.com/drive/folders/1STxIQ8EViYX_5v-fdJ5FIyLmIlUKRvRC?usp=sharing) |  |  |
| **11** | [**5b. Homeostasis & Response (Hormones)**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  **Assessments**  [**Keywords**](https://drive.google.com/drive/folders/16fsl5Z0GTow-oUj99IY5QuA2nHE7cuEP?usp=sharing) | [**C7: Organic Chemistry**](https://docs.google.com/document/d/1x86X5US7CZvLgA0c_IePBaPRVQzpRXoTeRDrcJRrQRY/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1xVGFGq99fHKfYkEBsjq_DtYTVYWo7dkZ?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1TUd8rqEWwGVBC4lLp1kDnmliLQokGmNc?usp=sharing)  [**C9:Chem of the Atmosphere**](https://docs.google.com/document/d/1U89BqNxgB1PbGbLMUdPN58PfHRLMnQRq526ibWMIZiU/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1lydoKM3q3S4HMjAUR17pLYj9VvNI-6aO?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1L8GWhxGsdLcAl08GJBmyaFRYwuMJS6dD?usp=sharing) | [**P2: Electricity**](https://docs.google.com/document/d/1FGt9T3ULyLo9zkr0uUjYV1Bx2Pl1T3V9zBA01SDFuTg/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1v4w0VVIgb6HjtQ_OagjQrS1W0LqxGyQO?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1oJbNXnBd1wQ76PwbkIyZbmnyL7U1gGs7?usp=sharing) |  | [**B6:**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**inheritance,**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**variation and Evolution**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/12VkoORmBPnQD3iExcMRm0UycCJ-wsTHn?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1WecXVIK8IX4Bq4wciWs21gyR5miOyQ0R?usp=sharing) | [**C10: Using Resources**](https://docs.google.com/document/d/1h0ETQNlTU8HZrv_UofZ926FI_D0qG5uHKbvOnRKuw0E/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1g6Krq4AG85PAJgGFhkjnRF3qmi0mZ5F9)  [**Keywords**](https://drive.google.com/drive/folders/10PRdT-Qbw6kYxdhqGpq4RoCTaoOG_Ljj?usp=sharing)  [**C8: Chemical Analysis**](https://docs.google.com/document/d/1ELbbalE1EyEKRCfvXFJBB0C0gsNcj1UdnFqyTtGO7SA/edit?usp=sharing)  **Assessments**  [**Keywords**](https://drive.google.com/drive/folders/126fFz2mN7YJrGEDgYbRgPdcDEzEmi1Hs?usp=sharing) | | [**P7:**](https://docs.google.com/document/d/1zM6qRN6qDhWo0yqmEEF4_7_QtaEfXFNncpYd-1bEUUA/edit?usp=sharing)  [**Magnetism and electro-magnetism**](https://docs.google.com/document/d/1zM6qRN6qDhWo0yqmEEF4_7_QtaEfXFNncpYd-1bEUUA/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1FQbr8X6Mzh84lDAFMI9tc_KqRReDuuxe?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1bbDySYb0Q3BDIBIWoggT8u65gNBOHGPs?usp=sharing) |  | **Revision** | | |
| **Practical** | [***Plant responses***](https://drive.google.com/drive/folders/1KDJR9aqC1yeAU3VM03Nnz9kcP019py3r?usp=sharing) |  | [**Resistance**](https://drive.google.com/drive/folders/1gMIHw-jqrAeSdt84GOv2IbdC0-jCO4tr?usp=sharing)  [**I-V Characteristics**](https://drive.google.com/drive/folders/1jha8I3trSkQHnN73zJcC8uZ--WbGQOfc?usp=sharing) |  |  | [**Water purification**](https://drive.google.com/drive/folders/1Tq51o9yUr3JTamNym0UqrKr1oOToBzt_?usp=sharing)  [**Chromatography**](https://drive.google.com/drive/folders/1ZjJYYc81LLmnnqAyX7Ub3mURtSo2fpHu?usp=sharing)  [***Identifying ions***](https://drive.google.com/drive/folders/1yRLb6kVHbxerv9U3uP9RsLT2oGTsMpYr?usp=sharing) | |  |  |  |  |  |

**KS4 Scheme of Work 2023/24**

| **Year** | **Term 1** | | |  | **Term 2** | | | |  | **Term 3** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **10** | [**B7: Ecology**](https://docs.google.com/document/d/1V4fatHDDrtZ2qfBMy-jSFb4pRm46gMXzTeURZD2JUo0/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1LMiK705vqpRqXlXG3FOUZHzksLYBYbrr?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1EYs2Vs7k2qpkTm0AZ4FQShDZ0klx6dS4?usp=sharing)  [**B2: Organisation**](https://docs.google.com/document/d/1r2JpUPVZA4SFkuxX0x-Ndxo884bpwGOXvyU4YuKogLs/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1lpqkFQyyCO5l1CN1wRNLbi0iqYWrsYQD?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/10KOij-Cm1_2CSwrIMJl-Mngf4XSOQctZ?usp=sharing) | [**C4: Chemical Change**](https://docs.google.com/document/d/1ra2dk1NobipTz7wCu6GTvv1l6G9FeBXgBYPOWIyC4Vg/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1XYLhqEZZEAfIRqoCDqhZkyx44Rpj8gY4?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1lm-_NAvNe1Cf4jDOnGDu_hB3BJMYBb2U?usp=sharing)  [**C6: Rates**](https://docs.google.com/document/d/1LJ5NEmxK4xuAiFBo-wdcM8ROXXaoiR1W58aEdhzoUl8/edit?usp=sharing)  [**keywords**](https://drive.google.com/drive/folders/1LaFCWG9XLetKcAZJ2QT4K7_Md4mI6rBF?usp=sharing) | |  | [**P5: Forces and Motion**](https://docs.google.com/document/d/1MclosUp0CPcSZ0cHLtdk6ew9Jhg2qmSpo71K-H2pGGQ/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1uDvxJ9vyuDVkLJcS7B28dFrnvg3oCigb?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1nPAzBnGDZCWbM61uTBYSAoc_wVDQ6P6D?usp=sharing) | [**B1: Cell Biology**](https://docs.google.com/document/d/1WQEfg8k43eHSPbNQDXKZF_yl7SXP__lS_baSuMGMLro/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1ZRMmT_ArO5rdd5oZtfmSwDIxwX2UfE5Z?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1W-cqm3u-ome1wY9aIGtiizq5XYhxcP84?usp=sharing) | | [**B4: Bioenergetics**](https://docs.google.com/document/d/1imIgXedaTORzrsc-HcBLKD2eAimzPvLvjSkuXqOrPoo/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1onoU5xfi-OMfupiPwChyA7GLwPUD3KR8?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1U6q4cycBI82bNBQp8IAB2IfceAKYj5wH?usp=sharing) |  | [**B3: Infection & response**](https://docs.google.com/document/d/1DhsJGFflfPn3NtassGv8aPchCTLa3bD-E9LuCvzhFns/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1GVtGGB-bXmg6jBHdElIxBDR_5UEAN8F3?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/17aFY4YP7Lzg3e048Mczd8E00XFNThAxV?usp=sharing)  [**B5a:**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  [**Homeostasis & Response (Nerves)**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/16fsl5Z0GTow-oUj99IY5QuA2nHE7cuEP?usp=sharing) | [**C7: Organic Chemistry**](https://docs.google.com/document/d/1x86X5US7CZvLgA0c_IePBaPRVQzpRXoTeRDrcJRrQRY/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1xVGFGq99fHKfYkEBsjq_DtYTVYWo7dkZ?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1TUd8rqEWwGVBC4lLp1kDnmliLQokGmNc?usp=sharing)  [**C8: Chemical Analysis**](https://docs.google.com/document/d/1ELbbalE1EyEKRCfvXFJBB0C0gsNcj1UdnFqyTtGO7SA/edit?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/126fFz2mN7YJrGEDgYbRgPdcDEzEmi1Hs?usp=sharing) | [**P4: Radioactivity**](https://docs.google.com/document/d/1Mcr7zY2jhakohyZjlXkvV8dJLXp-q6gu9pmNdIxXB7U/edit?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1X4Udcmw5LeQf2MKD1JPgmNUXqOMr70C7?usp=sharing) |
| **Practical** | [**Quadrats**](https://drive.google.com/drive/folders/19KP3T4P03kn63HUUExw35ueLreZUwqGj?usp=sharing)  [***Decay***](https://drive.google.com/drive/folders/1Pjc-lA_yQfOg5IjWMArN0DkZdTW-TUCF?usp=sharing)  [**Osmosis**](https://drive.google.com/drive/folders/1oylF28T-gviWvmFaJI_vCw-8-vQFQ02Z?usp=sharing)  [**Enzymes**](https://drive.google.com/drive/folders/1kNMF6D6z4KW1MGec1JdZdfn2-AH0NPjX?usp=sharing)  [**Food tests**](https://drive.google.com/drive/folders/1hYVBIXYZqw1S4bqrmr9iVvl2E7wX4Wxp?usp=sharing) | [**Making salts**](https://drive.google.com/drive/folders/1IWfJqLbFpuGdhd0OAvRBrMbqt3qD4Pzl?usp=sharing)  [**Electrolysis**](https://drive.google.com/drive/folders/1XDyIYA4Iu5j2qDQNe-q2rngg94ZZ6ksa?usp=sharing)  [***Neutralisation***](https://drive.google.com/drive/folders/1UP-tAKr7kAkOaUP7E5VLB_Mf_4-bMr5j?usp=sharing)  [**Rates**](https://drive.google.com/drive/folders/13En0tLYNiovsuBng7mJMD4FnMxDbEkj4?usp=sharing) | |  | [**Extension of a spring**](https://drive.google.com/drive/folders/13M_wPQP4SrxGKB-336Y93abnseQ_7fmP?usp=sharing)  [**Acceleration**](https://drive.google.com/drive/folders/1ZjJYYc81LLmnnqAyX7Ub3mURtSo2fpHu?usp=sharing) | [**Microscopy**](https://drive.google.com/drive/folders/1WldIwHJlpgVaRtoYFY2Y_xM1mXBc2Eem?usp=sharing) | | [**Photosynthesis**](https://drive.google.com/drive/folders/1cj5QnWm6cIh3evqcj5XguhSxv10uWZqu?usp=sharing) |  | [***Microbiology***](https://drive.google.com/drive/folders/1BXqZKInNPXM0FHZBSfO-JdKnHST4JSOr?usp=sharing)  [**Reaction time**](https://drive.google.com/drive/folders/1STxIQ8EViYX_5v-fdJ5FIyLmIlUKRvRC?usp=sharing) | [**Water purification**](https://drive.google.com/drive/folders/1Tq51o9yUr3JTamNym0UqrKr1oOToBzt_?usp=sharing)  [**Chromatography**](https://drive.google.com/drive/folders/1ZjJYYc81LLmnnqAyX7Ub3mURtSo2fpHu?usp=sharing)  [***Identifying ions***](https://drive.google.com/drive/folders/1yRLb6kVHbxerv9U3uP9RsLT2oGTsMpYr?usp=sharing) |  |
| **11** | [**5b. Homeostasis & Response (Hormones)**](https://docs.google.com/document/d/1Th56kv1VK2cnDxXzl7wxpZDd8hWeZ24cPkrJdGUTeyA/edit?usp=sharing)  **Assessments**  [**Keywords**](https://drive.google.com/drive/folders/16fsl5Z0GTow-oUj99IY5QuA2nHE7cuEP?usp=sharing) | [**C9:Chem of the Atmosphere**](https://docs.google.com/document/d/1U89BqNxgB1PbGbLMUdPN58PfHRLMnQRq526ibWMIZiU/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1lydoKM3q3S4HMjAUR17pLYj9VvNI-6aO?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1L8GWhxGsdLcAl08GJBmyaFRYwuMJS6dD?usp=sharing)  [**C3: Quantitative Chemistry**](https://docs.google.com/document/d/18bgjzP-RV8B8ORCKyYz-qmSyn-r-hRQrJHAPKUNRcJc/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1LDrjF_mA2p55M5ppUvpzauiLejlDSs2h?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1B_N98sQtwytkVDzpyOdNKrABWMoWf7zn?usp=sharing) | [**P2: Electricity**](https://docs.google.com/document/d/1FGt9T3ULyLo9zkr0uUjYV1Bx2Pl1T3V9zBA01SDFuTg/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1v4w0VVIgb6HjtQ_OagjQrS1W0LqxGyQO?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1oJbNXnBd1wQ76PwbkIyZbmnyL7U1gGs7?usp=sharing) |  | [**B6:**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**inheritance,**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**variation and Evolution**](https://docs.google.com/document/d/1LohleRjvruekuJNlwuVLFraVCdhyzVRFg_s9_ETdmvE/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/12VkoORmBPnQD3iExcMRm0UycCJ-wsTHn?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1WecXVIK8IX4Bq4wciWs21gyR5miOyQ0R?usp=sharing) | [**C10: Using Resources**](https://docs.google.com/document/d/1h0ETQNlTU8HZrv_UofZ926FI_D0qG5uHKbvOnRKuw0E/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1g6Krq4AG85PAJgGFhkjnRF3qmi0mZ5F9)  [**Keywords**](https://drive.google.com/drive/folders/10PRdT-Qbw6kYxdhqGpq4RoCTaoOG_Ljj?usp=sharing) | | [**P7:**](https://docs.google.com/document/d/1zM6qRN6qDhWo0yqmEEF4_7_QtaEfXFNncpYd-1bEUUA/edit?usp=sharing)  [**Magnetism and electro-magnetism**](https://docs.google.com/document/d/1zM6qRN6qDhWo0yqmEEF4_7_QtaEfXFNncpYd-1bEUUA/edit?usp=sharing)  [**Assessments**](https://drive.google.com/drive/folders/1FQbr8X6Mzh84lDAFMI9tc_KqRReDuuxe?usp=sharing)  [**Keywords**](https://drive.google.com/drive/folders/1bbDySYb0Q3BDIBIWoggT8u65gNBOHGPs?usp=sharing) |  | **Revision** | | |
| **Practical** | [***Plant responses***](https://drive.google.com/drive/folders/1KDJR9aqC1yeAU3VM03Nnz9kcP019py3r?usp=sharing) |  | [**Resistance**](https://drive.google.com/drive/folders/1gMIHw-jqrAeSdt84GOv2IbdC0-jCO4tr?usp=sharing)  [**I-V Characteristics**](https://drive.google.com/drive/folders/1jha8I3trSkQHnN73zJcC8uZ--WbGQOfc?usp=sharing) |  |  |  | |  |  |  |  |  |