17th January 2024

Dear Parent/Carer

**GCSE Science: Centre Assessed Exams (CAEs)**

As you may be aware the second round of Centre Assessed Exams (CAEs) are coming up on week commencing 5th February 2024. This letter is to outline the science provision.

Revision at home:

All teaching of new content will be completed by 31st January 2024 to ensure we can use a full paper for this CAE series and therefore, any revision needs to be completed at home.

The course we follow is Edexcel 9-1 Combined Science or Edexcel 9-1 Chemistry, Physics and Biology. The paper that the students will sit is a **paper 2.** Topics that will be included in these exams are in the table below:

|  |  |  |
| --- | --- | --- |
| **Science** | **Content – Paper 2** | **Links and resources** |
| Biology: combined (CB) and triple (SB) | CB6 – Photosynthesis **Triple:** PhototropismCB7 – Hormones and the menstrual cycle **Triple:** Thermoregulation and the kidneyCB8 – The heart, blood andrespirationCB9 – Parasites and mutualists and the **HT** Nitrogen cycle **Triple:** Food security and decomposition**HT** CB1- Enzymes **Triple**: Food tests | BBC bitesize: [Biology (Combined Science) - GCSE Combined Science Revision - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/z3d77p3)[GCSE Biology (Single Science) - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/examspecs/zcq2j6f)You tube: [The whole of Edexcel Biology Paper 2 in only 50 minutes! Revision for 9-1 GCSE Bio Combined Science - YouTube](https://www.youtube.com/watch?v=L6ODraBBZRg)Revision material on the revision classroom (please see below) |
| Chemistry: combined (CC) and triple (SC) | CC16-17: The Atmospherecombustion, **ST only:** Fractional distillation and electrolysis,CC14-16 – Halogens,Alkali metals, rates of reaction**Triple** – Polymers, alcohols, nano particles **ST only:** tests for ions | BBC bitesize: [Chemistry (Combined Science) - GCSE Combined Science Revision - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zqhffcw)[GCSE Chemistry (Single Science) - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/examspecs/zy984j6)You tube: [The whole of EDEXCEL Chemistry Paper 2 or C2 in only 47 minutes. 9-1 GCSE Science Revision - YouTube](https://www.youtube.com/watch?v=woYFftjEkeM)Revision material on the revision classroom (please see below) |
| Physics: Combined (CP) and triple (SP) | CP7/8 (SP8/9): Work done (whole topic)CP9 (SP10/11) - Electrical safety, resistance. **Triple only:** Static electricity and fieldsCP10/11 (SP12/13): Magnets and transformers **HT only**: Fleming’s LHR and EMICP12/13 (SP14/15): Pressure, density and springs **Triple:** Gas and water pressure and moments. | BBC bitesize: [Physics (Combined Science) - GCSE Combined Science Revision - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/topics/zwxppbk)[GCSE Physics (Single Science) - Edexcel - BBC Bitesize](https://www.bbc.co.uk/bitesize/examspecs/zqpshv4)You tube: [The whole of EDEXCEL Physics Paper 2 or P2 in only 41 minutes. 9-1 GCSE Science Revision - YouTube](https://www.youtube.com/watch?v=VY-I7aeHXOI)Revision material on the revision classroom (please see below) |

To facilitate and enable your son/daughter to achieve their best in their science GCSEs we will be completing after school revision sessions on **Tuesdays after school until 4pm.**

Revision classroom:

To further aid your child’s progress, the science department have provided students with additional resources to be utilised outside the classroom – specifically at home. We have created a “Google Classroom” focused around the skills and knowledge that they require to move up to the next grade. This term we have released the paper 2 content onto the classroom and this will also be where the online revision sessions will be placed in the classwork section under the “revision sessions” section.

The code for this classroom is **ccwjzit.** Please note that no assignments will be set in this classroom, it will not be monitored. It is purely for the students’ own use during revision at home.

We still encourage students to utilise other resources such as Physics and Maths tutor, as well as their study guides and workbooks.

Thank you for your support in ensuring that students maximise their opportunities for success in GCSE science.

Yours sincerely

Mrs Wiseman

Head of Science