**Chesterton Community College**

**Science Homework**

**Year 10**

Homework in science is intended to support and consolidate content from lessons, aid with revision, and help prepare students for upcoming assessments.

All homework tasks are set as an assignment on Microsoft Teams and EduLink. They are also clearly signposted in lessons so all students are aware.

Homework tasks are assignments on Seneca Learning (<https://senecalearning.com/en-GB/>). Your child should have a Seneca account that is accessible via their school log in. Once logged in, they will see their science class as well as the assignment to be completed.

**What is Seneca Learning?**

Seneca Learning is an online platform that includes notes, summaries, videos and practice questions. Students can receive feedback in real time and content is adapted based upon the student’s needs to help provide bespoke revision. You can read more about the platform here: https://help.senecalearning.com/en/articles/2483292-what-is-seneca-learning

If your child has any problems completing their homework they must speak with their Science teacher on the school day before the deadline. If you have any questions about specific homework tasks given to your child, please contact their class teacher.

Below you will find the overview of the focus of the Seneca assignments each term. However, as teachers tailor the focus to support the needs of individual classes, the information below is best considered as guidance. The assignments on Teams will always give the relevant information, and class teachers will be able to provide more detail about any given assignment.

**Autumn Term**

|  |  |  |
| --- | --- | --- |
| **Biology** | **Chemistry** | **Physics** |
| Principles of Organisation  Enzymes  Circulatory system  Non-communicable diseases  Plant organisation  Spreading diseases  Types of Pathogen | Chemical Bonds  States of Matter  Chemical Properties  Chemical measurements | Atoms  Radiation  Electrical charge  Resistance and work |

**Spring Term**

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| **Biology** | **Chemistry** | **Physics** |
| Human defence systems  Reproduction  Variation & Evolution  Classification | Acids and alkalis  Reactivity of metals  Reactions of acids  Electrolysis  Rates of reactions | Electric circuits  Electricity in homes  Magnetism basics  Electromagnetism |

**Summer Term**

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| **Biology** | **Chemistry** | **Physics** |
| Communities  Organisation of ecosystems  Biodiversity | Reversible reactions | Wave basics  Electromagnetic waves |