**Science: Optional Summer Project**

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| What is the Optional Summer Project? |
| **Seneca learning.** <https://senecalearning.com/en-GB/>Seneca learning is a homework and revision platform. It provides revision materials and questions to assess your understanding. You may have already set up a login for Seneca learning.If you haven’t already got a login it is simple to set one up for free, follow the instructions on the website. You can join the classes below or use any science class that you are already signed up to.

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| Year 11 Higher tier class code | **yd4p7dccf1** |
| Year 11 Foundation tier class code | **6hszg1zdf5** |

Then just click on your course and start learning!For further support to access this please see the how to guide on the school website:<https://kings.patrust.org.uk/wp-content/uploads/2020/04/Seneca-Information-2-1.pdf> |
| What resources will I need? |
| Any device with internet access. |
| Where can I look for more activities or resources if I would like them? |
| **Educake**You can set your own tests on educake. Scroll down to the bottom of your home page and select take test.**BBCbitesize**Have a look through some of the revision pages, or use the daily lessons that have been produced. |
| What will I be studying when I return in September and how can I prepare? |
|  New Year 10 | Biology: Cell Biology, Organisation, Infection And Response, Bioenergetics, Homeostasis And Response.Chemistry: Atomic Structure And The Periodic Table, Bonding, Structure, And The Properties Of Matter, Energy Changes, Rate And Extent Of Chemical Change, Chemical Changes, Quantitative Chemistry, Chemical Analysis. Physics: Energy, Electricity, Particle Model Of Matter, Atomic Structure.On educake you can set your own tests on these areas. Or look back at your areas for improvement and work on improving these.  |
| New Year 11 | Biology: Inheritance, Ecology.Chemistry: Chemistry of the Atmosphere, Quantitative Chemistry.Physics: Electricity, Magnetism and Electromagnetism, Forces.On educake you can set your own tests on these areas. Or look back at your areas for improvement and work on improving these.  |