



02 April 2020

Re: Science Year 11

Dear Year 11 Parent/Carers

For students who are taking Science subjects Post-16, it is essential that they keep working through their revision notes and guides regularly so not to forget the content which they are expected to know for A Level. Please encourage them to spend some time during each normal school day doing this.

Additionally they should look up the syllabus for the A Level course on the college website and begin studying some of the topics listed there to get a good background knowledge.

Here is a reading list of excellent science authors:

Biology

3 books by Richard Dawkins: The Selfish Gene, The Blind Watchmaker, Unweaving the Rainbow
Bill Bryson: A Short History of Nearly Everything (also Chemistry)
Steve Jones: In the Blood: God, Genes and Destiny
Bad Science by Ben Goldacre (also Chemistry)
The Immortal Life of Henrietta Lacks by Rebecca Skloot
Genome by Matt Ridley
The Spark of Life by Frances Ashcrof

Chemistry

Chemistry in Context by Graham Hill
Why Chemical Reactions Happen by James Keeler & Peter Wothers
The Periodic Table by Eric Scerri

Physics

In Search of Schrodinger's Cat by John Gribbin
Just Six Numbers by Martin Rees
The Elegant Universe by Brian Greene
A Brief History of Time by Stephen Hawking

Science websites

https://www.bbc.co.uk/news/science_and_environment
<https://www.bbc.co.uk/news/topics/ckd09zdlvk2t/nature>
<https://www.newscientist.com/>

Our Science teachers would be pleased to respond to emails from students or parents about taking their subject further at A Level, and will help wherever they can. You can find the full staff list on our [school website here](#).

Best wishes

Miss Kerry Oakley
Headteacher



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