

## Science Enrichment – KS4

Perfect Planet – Sir David Attenborough is back!! Pandemic or no pandemic, Sir David Attenborough's soothing scientific voice has returned to our screens to guide us through 5 episodes of wildlife wonder, exhibiting our Perfect Planet. Follow the link below to access these episodes on BBC IPlayer

<https://www.bbc.co.uk/iplayer/episodes/p08xc2lh/a-perfect-planet>

BBC Bitesize Lockdown Learning – A change of perspective is sometimes all that is needed to aid your understanding of a tricky concept. If something you learnt about in a live lesson didn't quite sink in, you could look at it from a different point of view via BBC Bitesize and their online learning package. There are plenty of assessment tools on there to, allowing you to test your knowledge and identify gaps without any pressure!

Combined Science: <https://www.bbc.co.uk/bitesize/examspecs/zw488mn>

Separate Biology: <https://www.bbc.co.uk/bitesize/examspecs/zpgcbk7>

Separate Chemistry: <https://www.bbc.co.uk/bitesize/subjects/zs6hvcw>

Separate Physics: <https://www.bbc.co.uk/bitesize/examspecs/zsc9rdm>

Oak National Academy – The government have pledged a lot of money to try and provide as many resources as possible during remote learning. The Oak National Academy provides a great selection of lessons, including recorded sessions delivered by teachers

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4>

Ted Talks – Science can sometimes be...weird! There's no denying it. Sometimes it's odd, sometimes it makes little sense, but most of the time it's just downright fascinating! Nothing encompasses that more than TED Talks. Recent highlights include flying squids and a very important question...who actually decided how long a second is?!?!? Follow the link below:

<https://www.ted.com/talks?topics%5B%5D=science>

Podcasts – during lockdown, you'll no doubt be using a screen for a huge number of hours. Give your eyes a break! Podcasts are a great way to listen to something interesting whilst on your daily walk with the dog or lounging on the sofa. And the best thing is...they're free! Here are a selection of the best scientific podcasts:

- The Infinite Monkey Cage – celebrity scientist Brian Cox brings you fascinating aspects of science that you wouldn't even know exist!

<https://www.bbc.co.uk/programmes/b00snr0w/episodes/player>

- No Such Thing As A Fish – the makers of QI bring you an excellent library of podcasts revealing crazy facts you won't believe!

<https://www.nosuchthingasafish.com/>

- Probably Science – A group of comedians with a slight background in science give their take on scientific phenomena with special guests! A great listen if you love interviews

<http://www.probablyscience.com/>