



KS4 Learning Overview

Biology

Exam Board: AQA

Year 10		
Term	Topics	Extra learning opportunities
Autumn 1&2	Infection and response	What conclusions were drawn from the vaccines testing for COVID 19? https://www.imperial.nhs.uk/about-us/news/results-from-the-imperial-vaccine-trial-suggest-new-covid-19-vaccine-technology-is-safe-in-humans
Spring 1&2	Bioenergetics	What are the pigments involved in photosynthesis? https://sciencing.com/four-accessory-pigments-necessary-photosynthesis-carried-out-10064523.html Using the graph in the link, describe how the wavelength of light affect photosynthesis https://www.khanacademy.org/science/biology/photosynthesis-in-plants/the-light-dependent-reactions-of-photosynthesis/a/light-and-photosynthetic-pigments Students could plant seeds – one could be left in bright sunlight and one left in the dark, and the different outcomes recorded.
Summer 1&2	Homeostasis and response	What can happen when homeostasis fails? http://www.enetlearning.org/wp-content/uploads/2015/01/HBS3-8.-Disruption-of-homeostasis.pdf