

Stepping up to Post-16 – Biology

Over the summer, try to use the following resources to prepare for the transition to A level Biology.

3 things to read

These resources summarise some of the GCSE content that will be important for A level Biology. You should make sure you are familiar with the topics in these documents.

1. Biological molecules



Biological Molecules
(transition).pdf

2. Cell structure



Cell Structure
(transition).pdf

3. The circulatory system



The Circulatory
System (transition).pdf

3 things to watch

These videos give extra information on key A level Biology topics.

1. Cells - <https://www.youtube.com/watch?v=mUJryLNKScg>
2. Transport across membranes - <https://www.youtube.com/watch?v=nskIF1w4eok>
3. Immunity - <https://www.youtube.com/watch?v=PSRJfaAYkW4>

3 things to listen to

For a different approach to some interesting topics, try listening to the following talks and podcasts.

1. <https://teachmescience.co.uk/a-level-biology> Listen to 'Structure of Eukaryotic Cells' podcast
2. https://www.ted.com/talks/vikas_jaitely_how_we_can_fight_antibiotic_resistance_superbugs_with_a_new_class_of_vaccines?referrer=playlist-ted_podcast_science_and_medicine&autoplay=true Antibiotic-resistance and vaccines
3. https://www.ted.com/talks/dan_knights_how_we_study_the_microbes_living_in_your_gut?referrer=playlist-ted_podcast_science_and_medicine&autoplay=true Microbes