

Year 11 into 12 – Biology Summer work

July 2024

Introduction:

Curiosity about biology is invaluable for A Level students as it fuels a deeper understanding of the living world, from the microscopic workings of cells to the complexity of ecosystems. This curiosity drives scientific discovery, fosters critical thinking, and opens doors to diverse career paths in medicine, research, and environmental science. Embracing biology cultivates a sense of wonder and equips students with the knowledge to tackle real-world challenges, making it a fascinating and impactful field of study

This article is probably the idea behind the Netflix show and computer game 'The Last Of Us'. Find out more about the science behind the show and make your own decisions as to if the Human Race should consider these microorganisms a threat

[Could the Zombie Fungus in TV's The Last of Us Really Infect People? | Scientific American](#) (article)

[Cordyceps zombie fungus takes over ants' bodies \(nationalgeographic.com\)](#) (Video)

[Mechanisms behind the Madness: How Do Zombie-Making Fungal Entomopathogens Affect Host Behavior To Increase Transmission? - PMC \(nih.gov\)](#) (journal article)



The TV show *The Last of Us* depicts a world where a fungus turns people into zombies. Liane Hentscher/HBO

It has links to the infection and disease topic students' study.

Task

Produce an A4 summary sheet, an information booklet, a Power Point or record yourself doing a short presentation to explain the science behind this TV show.

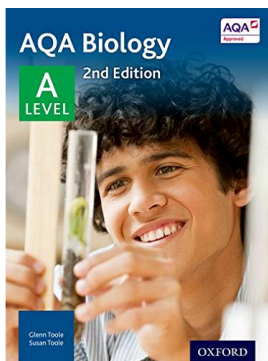
Once you have looked at these make your own judgement as if you think that this fictional show/game could become a reality!

How to prepare:

You will need to be organised throughout your A level studies, so you will need an A4 (lever arch) folder with at least 6 folder dividers which you can bring to every lesson

Required resources

You are advised to purchase your own copy of the required textbook to bring to lessons.



Optional resources

