



COMPUTER SCIENCE – GCSE TO A LEVEL

INTRODUCTION

Thank you for looking at these resources to help you bridge the gap between GCSE and A Level. We hope that you engage with the pack we've provided and enjoy delving into the extraordinary world of Computer Science, investigating its impact on our day to day lives.

RESOURCES

The Power Point slides we've supplied will guide you through a number of topics that will form part of your A Level in this subject including;

- Emerging Technologies
- Computational Thinking
- Critical Thinking
- Augmented Reality
- Computer Processors
- Memory
- Secondary Storage
- Networks
- Operating Systems

WATCH LIST

Hopefully you're enjoying some good weather just now but here's a little something to watch related to Computer Science when you're stuck indoors if you have Netflix or Amazon Prime;

- The Great Hack
- Inside Bill's Brain: Decoding Bill Gates
- Imitation Game
- Ex_Machina
- Replicas
- Ready Player One
- Mr Robot

YOUTUBE

The following videos are all on YouTube;

- Inside the Social Network | BBC Documentary 2019
- The Rise of China | BBC Click
- Self-Driving Car Revolution | BBC Click
- Inside Taiwan's Tech Industry | BBC Click
- What AI have MIT been creating? | BBC Click
- Algorithms – The Secret Rules of Modern Living | BBC Documentary
- How to Build a Human | Gemma Chan
- How Hackers Steal Your Data | BBC Panorama

WE CAN'T WAIT TO WELCOME YOU INTO OUR SIXTH FORM. SEE YOU SOON!