



# Computer Science Transition Work

Hello Everyone

If you're reading this, then I'm happy to hear that you're going to be studying Computer Science at Sixth Form, and very happy that so many of you are doing it this year!

To make sure that you're ready, please complete the following work.

I want everyone to be on similar footing when we come back, so please can you do the following:

1. Sign up for Isaac Computer Science :

[Registration — Isaac Computer Science](#)

2. Join our class with the code :

[LE6FQD](#)

3. Complete the 5 assignments I've set you here :

[My assignments — Isaac Computer Science](#)

Each assignment should take you around an hour to complete, so you can complete them in your own time.

Try to start reading these over the Summer once you've completed the transition work!

## **Books:**

**Alan Turing: The Enigma** by Andrew Hodges

**Blood, Sweat, and Pixels** by Jason Schreier

**The Code Book** by Simon Singh

**Ghost in the Wires: My Adventures as the World's Most Wanted Hacker** by Kevin D. Mitnick

**Code** by Charles Petzold

## **Websites:**

**How Public Key Encryption Works** –

<https://ssd.eff.org/en/module/deep-dive-end-end-encryption-how-do-public-key-encryption-systems-work>

**JavaScript for Cats, An introduction to JavaScript** –

<http://jsforcats.com/>

**SQL: The language of Databases** –

<https://sqlbolt.com/>

