

# Computer Science A Level Reading List and useful websites

## Reading

AQA A Level Computer Science – PM Heathcote and RSU Heathcote

AQA A-Level Computer Science – Bob Reeves

Algorithms to Live By: The Computer Science of Human Decisions - Brian Christian

The Innovators: How a Group of Inventors, Hackers, Geniuses and Geeks Created the Digital Revolution - Walter Issacson

The Elements of Computing Systems: Building a Modern Computer from First Principles - Noam Nisan

Introduction to Networking: How the Internet Works - Dr. Charles R Severance

Basic Math for AI - Andrew Hinton

## Websites

<https://isaacomputerscience.org/>

<https://adacomputerscience.org/>

<https://bebras.uk>

<https://www.tnmoc.org/>

## YouTube Channels

Crash Course Computing

<https://www.youtube.com/playlist?list=PL8dPuuaLjXtNIUrzyH5r6jN9uIlgZBpdo>

Computerphile

<https://www.youtube.com/user/Computerphile/playlists>

Crag n Dave A Level

[https://www.youtube.com/watch?v=W-wnX5bXN7M&list=PLCiOXwirraUDUYF\\_qDYcZV8Hce8dsE\\_Ho](https://www.youtube.com/watch?v=W-wnX5bXN7M&list=PLCiOXwirraUDUYF_qDYcZV8Hce8dsE_Ho)

Computer Science UK

<https://www.youtube.com/channel/UCLg2JKpJiC2m8X00qn9rmOg/videos>