



The Thomas Hardy School

Summer Preparation Task

A Level Computer Science

Purpose of task:

We would like you to tell us more about you and your motivations for studying computer science.

You are then introduced/re-introduced to binary which forms a core part of the first few months of A Level Computer Science.

We then will ask you to complete some programming which makes up around 50% of the course. We offer different levels for those who have never programmed before to students who are very confident programmers already.

Recommended resources:

missionencodeable.com

[Ada Computer Science](#)

[Isaac Computer Science](#)

[AQA 7517 Specification](#)

Task:

Task 1 - About You and Data Essentials:

Please complete this [Form](#). This could take you about an hour to complete as you will need to watch some videos.

Task 2 - Programming:

You will need to complete the programming form in stages.

This [form](#) is for uploading your certificates as evidence of you completing the tasks set.

NOTE: You do not need upload any code.

Task 3 - Computing in Society

Please find a news/magazine article that demonstrates Computings role in society in a positive/negative/mixed way.

This could be a highly publicized news article or a very local article. You will need to discuss it with the class as to what it is about and why you chose to talk about it. Please find some links below for potential places to look:

<https://www.wired.com/>

<https://www.bbc.co.uk/news/technology>

<https://uktechnews.co.uk/>

Additional Information:

Required Stationery and Equipment for

Pens, Paper, a folder and a Calculator.

Laptop / Desktop Computer – Although helpful, this is **NOT** essential. Everything can be completed on school network and/or pretty much any device (phone, tablet, Chromebook etc...) Any questions please contact Mr Price.

Recommended Viewing

[The Lesson Hacker](#) - Craig 'n' Dave – Watch some of the following clips that asks some of the questions you will consider in Computer science course

Deadline for Task: First lesson in the week commencing 14th September 2026