Computer Science

Getting Ready for Year 12

Year 12 – What can I do to prepare?

You will be coming to the course from different backgrounds.

I have prepared some tasks for you to do so that you are ready for year 12.

Select at least one of the following C# Programming tasks:

Either C# Programming Task 1 - Codecademy

- Click on the image to the right:
- Sign up for a Codecademy account
  (You can use your school or home Google)
- C# course:

  - You can tackle these at any time, but you should have spent approximately 10 hours before your first lesson in September.

  Send me an email *if you are already a competent C# Programmer as there will be no requirement for you to do this and I will set you something else depending on your programming background.*

Or C# Programming Task 1 - Solo Learn

- Click on the image to the right:
- Sign up for a SoloLearn account
  (You can use your school or home Google)
- C# course:
  - You can tackle these at any time, but you should have spent approximately 10 hours before your first lesson in September.

    Send me an email if you are already a competent C# Programmer as there will be no requirement for you to do this and I will set you something else depending on your programming background.

Either Programming Task 2 – HTML, CSS and JavaScript

- Click on the image to the right:
- Sign up for a Codecademy account – if you haven't already
(You can use your school or home Google)
- Access the following courses:
  - HTML and CSS and JavaScript

- You can tackle these at any time, but you should have spent approximately 10 hours before your first lesson in September.

Send me an email if you are already a competent coder in HTML, CSS & JavaScript as there will be no requirement for you to do this.

Or Programming Task 2 – HTML, CSS and JavaScript

- Click on the image to the right:
- Sign up for a Mimo account
  (You can use your school or home Google)
- Access the following courses:
  - HTML
  - JavaScript
- You can tackle these at any time, but you should have spent approximately 10 hours before your first lesson in September.

Send me an email if you are already a competent coder in HTML, CSS & JavaScript as there will be no requirement for you to do this.

Research Task 1

Identify four events that take place during the fetch-execute cycle.

- Response -

Research Task 2

- Describe the effect of multiple cores on processing speed.

- Response -

Research Task 3

- What is the difference between Harvard CPU architecture and Von Neumann CPU architecture?

- Response -

Research Task 4

- What is a RISC processor and how does it function?

- Response -