



Computer Science

We are asking all students to complete some Independent Preparatory Work over the summer, before they join Year 12 in September. You will need to bring this work to lessons as the content will be assessed through introductory assessments which will be completed within the few first weeks of the new term.

Tasks

<https://projecteuler.net/>

Beginner:

Tasks: 1,2

Intermediate:

Tasks: 1,2,3

Advanced:

Tasks: 1,2,3,4,5

Please make a digital document with your code and explanations about why you coded your answer a certain way.

New to programming:

Complete the tasks below on Learn Python (link below), documenting your progress.

Learn the Basics

- [Hello, World!](#)
- [Variables and Types](#)
- [Lists](#)
- [Basic Operators](#)
- [String Formatting](#)
- [Basic String Operations](#)
- [Conditions](#)
- [Loops](#)

Extra reading

[Learn Python](#)

[Python Tutorial](#)

[Isaac Computer Science](#)