



George Abbot School

COMPUTER SCIENCE & ICT CURRICULUM JOURNEY

What can I do with a Computer Science or IT Qualification?

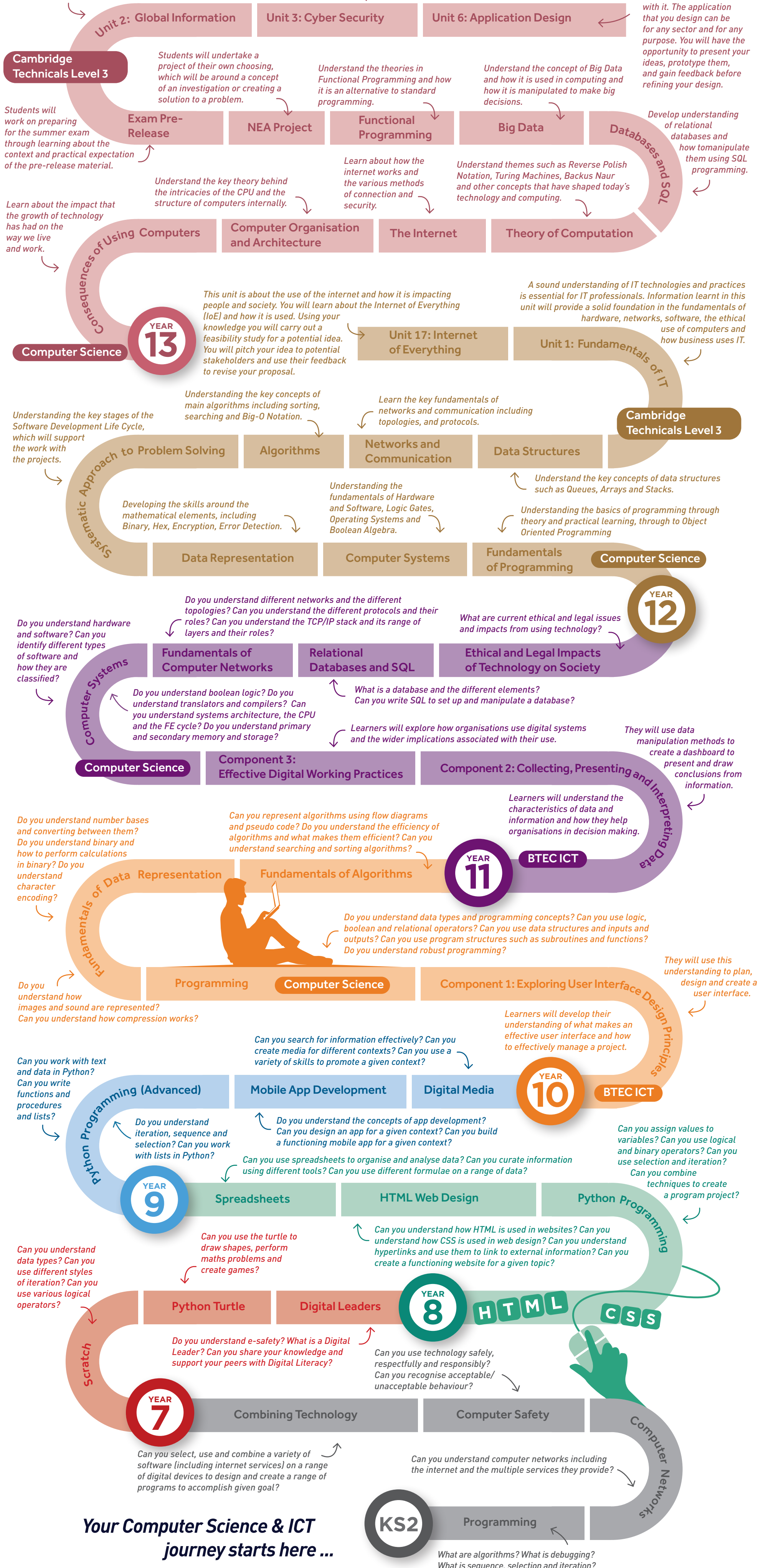
There are many jobs that you can explore with either a Computer Science or IT qualification:

- Applications developer
 - Cyber security analyst
 - Forensic computer analyst
 - Games designer or developer
 - IT consultant
 - Network engineer
 - Programmer
 - Software engineer
 - Web Designer
 - Digital Media
- ... and many, many more!

The purpose of this unit is to demonstrate the uses of information in the public domain, globally, in the cloud and across the internet, by individuals and organisations. You will discover that good management of both data and information is essential, and that it can give any organisation a competitive edge. This unit will provide you with a greater understanding of how organisations use information sources both internally and externally and the types of information you will encounter.

This unit has been designed to enable you to gain knowledge and understanding of the range of threats, vulnerabilities and risks that impact on both individuals and organisations. You will learn about the solutions that can be used to prevent or deal with cyber security incidents resulting from these challenges.

In this unit you will explore potential ideas for a new application and develop the fundamental design for it. You will then develop the designs for an application and how users will interact with it. The application that you design can be for any sector and for any purpose. You will have the opportunity to present your ideas, prototype them, and gain feedback before refining your design.



Your Computer Science & ICT journey starts here ...