Course Description

“Preparation for an ever-changing future”

In a future full of technology, the ability to understand how technology works is essential. The world we live in relies heavily on technology, everything ranging from cash machines to smart phones to the computer systems that keep the lights on in your house, all of which must be maintained and looked after.

This dynamic new course will equip you with the skills needed to help you gain a better understanding in what takes place “behind the scenes” when you use technology. This course is aimed at pupils who want to:

Have a high-quality computing education which will eventually lead to a highly successful career

Set up their own business and hopefully become the next Mark Zuckerberg (created Facebook)

Gain a highly sought-after GCSE which shows you are excellent at problem solving

Some of the areas you will learn are the following:

The role of technology in our world today

Different types of Computer Networks

The different parts to a Computer and how these parts work

Look at designing and writing software to make computer games, mobile phone apps, crack passwords etc

Look at different programming languages and look at learning some of these languages

Progression

Multimedia / Website Programmer

Computer Security Specialist

Robot Engineer / Programmer

IT Manager / Consultant

In addition to the above highly-paid careers, the problem-solving nature of GCSE Computing will help pupils in pursuing careers in Medicine, Dentistry, Pharmacy, Law and Business. There are also a number of courses available at Burnley Sixth Form and at the new university campus in Burnley which all offer advanced Computing courses to help you continue in this subject.

Accountant

Financial Advisor

Banking

Insurance Retail

Sales Advertising

Lawyer

Solicitor Property Developer

Estate Agent

Starting your own Business

The above are business-related careers, however an understanding of 'Business' is a valuable tool for all careers. Also, there are a selection of Business Courses at Burnley Sixth Form and Local Colleges which will help pupils to continue studies in this subject.