



Computing



Where will Computing take you next?

- Programmer
- Web Developer
- Teacher
- Games Designer
- Penetration Tester
- UX Designer
- Forensic Computer Analyst
- Data Analytics

# COMPUTING: ACADEMIC ROUTE



BIDDULPH HIGH SCHOOL



A Level Results



Paper 1 & Paper 2 Examination

1.5.2 Moral & Ethical Issues

1.5.1 Computer Related Legislation

1.4.3 Boolean Algebra

Continue your lifelong love of Computing

1.3.4 Web Technologies

1.4.2 Data Structures

2.3.1 Algorithms

**YEAR  
13**

1.2.4 Types pf Programming Language

1.3.1 Compression, Encryption & Hashing

1.3.3 Networks

2.1.1 to 2.1.5 Thinking Skills

1.2.3 Software Development

1.2.1 Systems Software

1.1.2 Types of Processor

1.1.1 Structure & function of the processor



1.4.1 Data Types

2.1.1 Programming Techniques

2.2.2 Computational Thinking

1.3.2 Databases

1.2.2 Application Generation

1.1.3 Input, Output & Storage

**YEAR  
12**



GCSE Results  
Paper 1 & Paper 2 Examination



**YEAR  
11**

1.1.1 Architecture of CPU

1.1.3 Embedded Systems

1.2.2 Secondary Storage



Mock exam

1.3.2 Wired & Wireless Networks

1.6.1 Ethical, Legal, Cultural and Environmental Impact  
1.4.2 Identifying & preventing vulnerabilities

1.2.5 Compression

1.2.4 Data Storage

2.1.3 Searching and Sorting Algorithms

2.5.2 The Integrated Development Environment (IDE)

2.5.1 Languages

2.3.1 Defensive Design

1.2.1 Primary Storage (Memory)

1.2.3 Units

1.3.1 Networks & Topologies

1.4.1 Threats To Computer Systems

2.2.3 Additional Programming Techniques

**YEAR  
10**



Certificate in Applied Computing

**YEAR  
9**



BHS

Welcome

Digital Literacy

Introduction to Programming



Sit SATS in Y6

Discover the foundations of IT and Computer Science

MIDDLE SCHOOL



Build a solid foundation in education



FIRST SCHOOL

Develop a lifelong love of learning

'Achieve Excellence'