

# A LEVEL IT

# Year 13



## Introduction to IT Systems and Data Processing

In this term, you'll learn about how IT systems are used for creative tasks and how data is processed both manually and automatically. You'll also discover the latest technologies and learn how to choose the right IT systems for different tasks. Additionally, you'll explore operating systems and the difference between open-source and proprietary software.

**How I'll be assessed...**

- Formative:** Practice Exam Questions, Past Papers, Video Walk-Throughs
- Summative:** Retake of Database Exam (Unit 2)



## Software and Emerging Technologies

This term, you'll dive into different types of software, including utility and application software, and how user interfaces affect our interaction with computers. You'll also learn about different file formats and data transmission methods. Plus, you'll investigate cutting-edge technologies and learn how to select the best IT systems.



**How I'll be assessed...**

- Formative:** Past Papers, Question Analysis Tasks
- Summative:** Online Interactive Assessment



## Principles of Website Development

This term is all about websites! You'll learn the key principles of creating effective websites by evaluating two real-life examples. You'll compare their designs, performance, and how well they meet the needs of their users.

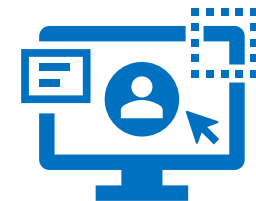
**How I'll be assessed...**

- Formative:** Comprehensive Website Analysis
- Summative:** Learning Aim A- Plan



## Website Design and Network Connectivity

You'll start designing your own website to meet specific requirements, including detailed visuals and technical documentation. Additionally, you'll learn about different ways to connect devices and networks and understand how data is transmitted across these networks.



**How I'll be assessed...**

- Formative:** Asset Creation, Wireframes, Time Management
- Summative:** Learning Aim B- Design



## Website Development and Network Security

In this term, you'll develop and test your website, making sure it works well based on user feedback. You'll also explore how to keep data secure with tools like firewalls, antivirus software, and data encryption, and understand how to protect networks.

**How I'll be assessed...**

- Formative:** Software Skills- HTML Coding, PHP, Java
- Summative:** Learning Aim C- Create



## Comprehensive IT Systems and Exam Preparation

In the final term, you'll wrap up all remaining topics, including cloud storage and computing, ensuring data accuracy, and learning how to manipulate data for various purposes. You'll also review everything you've learned throughout the year to prepare for your final exams, as well as attending intervention and revision sessions.



**How I'll be assessed...**

- Formative:** Self-Guided Study, Past papers, Online assessment
- Summative:** Complete the Summer Exam (Unit 1)