



IT & Computer Science Curriculum Intent



Students are taught a **relatable** curriculum that sets them up for life as a well-rounded **digital citizen**. They will develop **transferable** skills that can be used in all subjects, many places of employment and will also give them a better understanding how to stay safe online at home.

Curriculum Principles

Curriculum Intent

Relatable

A key factor of our curriculum is to **contextualise learning** across all learning episodes through the use and **application** of relevant **real-life experiences**. Not only do we focus on the building of **technological skills**, but we also give students experience of more **creative pathways** allowing them to access both of our optional technical and creative courses at KS4.

Our curriculum is designed to **develop** and **build upon** prior **e-safety** knowledge and **safeguard** all students against **online threats**. Students are taught to consider both the **positive** and **negative impacts** of being **online**, aiding them with the inevitable creation of their **digital footprint**.

Digital Citizen

We believe in **facilitating** opportunities for students to interact with **computational thinking** scenarios in order to enhance their **analytical, problem-solving, logical reasoning** and **mathematical skills**. Our curriculum allows students to be **active** and **engaged** users and **creators** in the emerging **digital economy**.

It is essential to build student awareness of **cyber security** and **emerging technologies** so that our students can become **workplace ready** and are equipped with **current** and **applicable skills** for life in modern day Britain.

Transferable

Students need to develop **transferable skills** through **digital literacy** and utilise **industry standard software** in **word processing, spreadsheet modelling, database design, desktop publishing** and **graphic manipulation**. Inevitably this will raise the **digital standards** of all our students, **increasing productivity** and **efficiency cross-curricular** allowing students to access further **relatable courses** and a wide range of **employment possibilities**.