

ICT & Computing

Key Stage 3 Overview



What will your child study at Key Stage 3 (Years 7-9)?

Curriculum Overview

Year	Autumn		Spring		Summer	
7	E-Safety Project	Visual Programming Creating Graphics (Animation 18)	Visual Programming using Scratch/ Kodu (Animation 18 submission)	Introduction to Computational Thinking & Flowcharts	Computational Thinking using Textual Programming (Logo/Flowol)	E-Safety Project
8	Handling Data & Analysis (Harry Plotter)	Evaluating Real World Problems & Physical Systems (BBC News School Report - Theory)	Evaluating Real World Problems & Physical Systems (BBC News Schools Report - Web Design, inc. use of HTML, Animation18)	Evaluating Real World Problems & Physical Systems (BBC News Schools Report - Multimedia)	Mythbusters Creative Project - Use of Multiple Applications (Audacity, PhotoStory 3)	Mythbusters Creative Project - Writing for an Audience & Evaluation
9	Use of Computer Systems & Logic (Hardware/ Software, Boolean Logic, Logic Gates & Truth Tables)	Computer Networks and the Internet	Programming Logic: Cryptography	Textual Programming - Python Project	Textual Programming - Python Project	Integrated Applications Creative Project (Technology of the Future, Using Prezi)

All students will have a 1 week summative assessment period at the end of each half term.