

# 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 16)	Visual Programming using Scratch/Alice (Animation 16)	Visual Programming using Scratch/Alice (Animation 16 Analysis/ Submission)	Introduction to Computational Thinking (Logo/Flowol)	Computational Thinking (Micro:bit)
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, Animation16)	Evaluating Real World Problems & Physical Systems (BBC News Schools Report - Multimedia)	Creative Project - Use of Multiple Applications (Mythbusters)	Creative Project - Use of Multiple Applications (Mythbusters)
9	Use of Computer Systems & Logic (Hardware/ Software, Boolean Logic, Logic Gates & Truth Tables)	Textual Programming - Python Project	Programming Logic: Cryptography	Programming Logic: Cryptography (Analysis)	Integrated Applications Creative Project (Technology of the Future)	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.