



File Management

Do you know your log on details? Why do we need to have an organised file structure? Why do we use cloud backup? What are computer Networks?



Computational Thinking

How do we solve computational problems using abstraction, decomposition and algorithms? Can you demonstrate in code where you've used iteration, sequence and selection?



Sound Editing

Why do we want sound to be digital? Can you explain sample rate, Hertz, Stereo, channel mixing, Effects, Filters and? Can you demonstrate this knowledge and evaluate your radio advert project.?



Creating Digital images

Can you demonstrate the use of multiple layers, several tools and image manipulation to create your own collage creation?



Mobile Applications

Why is mobile technology so popular nowadays? Can you Design and create an application for a mobile phone?

YEAR 8 ROADMAP



E-safety

How can our Digital footprint and security tools help us minimise cyberbullying and other harms on social media?



Understanding Computers

Can you convert binary numbers (up to 8-bit) to denary and vice versa? What are the rules for binary addition? Why do we use different storage devices? What is the future of technology?

Scratch game creation

Have you been able to demonstrate the following coding skills? Use of pen tool, Loops, Programming Sprites

Can you Learning from others – modifying an existing game. Looking at/deconstructing an existing maze game?

Python Programming

Can you identify the difference between Interactive and Script mode and use Operators and Syntax to complete programming challenges?



HTML Web Design

What is the name of the code used to create web pages?

Can you identify a range of tags in order to produce an attractive, interactive website?

Into YEAR 9....