



# YEAR 8 ROADMAP

## 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?



## E-safety

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

## 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?

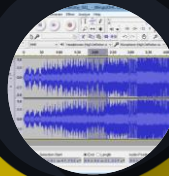


## Understanding Computers

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?

## 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.?



## Scratch game creation

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

## Creating Digital images

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



## 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....