

Year 9 Computing Topics:

Topic 1- E- safety

Sexting definition and legalities.

Age ratings

Selfies- dangers

Pornographic images (legalities)

Topic 2- Multimedia

What platforms can interactive multimedia products be used on?

What are the types of interactive multimedia products?

What are the different purposes of multimedia products?

Common features of a House style.

Purpose of navigation in a multimedia product.

Interactive elements of a multimedia product.

Laws when sourcing assets.

Purpose of pre- production documents; mindmaps, mood boards, visualisation diagrams

Topic 3- Binary

Define what binary is? Why is it used?

How else referred to as? (Base2)

Binary conversion, binary to decimal, decimal to binary.

Binary addition.

Topic 4- Sound

The difference between analogue and digital data.

Impact of pitch, amplitude, frequency.

Topic 5 Images

What does Pixel stand for?

Be able to identify common Image file formats

Be able to know the difference between Lossy and Lossless compression

Understand how colour depth measured.

Know the difference between bitmap and vector images.



In addition to your year 9 topics you also need to revise...



Year 8 topics:

Describe hacking and the different types of hackers.

Describe network attacks- DDos, Brute Force

Define what the internet is.

Define what the www is.

Technical terms used for cabling - describe the term 'transmission media' using examples e.g. twisted pair, ethernet, fibre optic

Year 7 topics:

Describe the purpose of the CPU.

Describe the purpose and characteristics of RAM and ROM and virtual memory.