

- Technical Knowledge
- Cross Curricular Links
- Assessment Points
- Subject Specific Skills
- CEIAG Links
- Underlined = Deeper development of earlier skills / knowledge

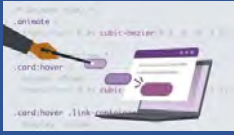
Computing and Creative iMedia Curriculum Map



INSPIRE
BELIEVE
ACHIEVE

Question: How is digital media implementing into our society?
R097: Understanding interactive media- wider society links.

Progression to next stage of learning:
A Level ICT
Extended diploma IT
Level 3 Creative media



Digital interactive media



Creating products for a purpose

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Question: What are the client requirements: Students to create their own requirements.

Creation of a product

Honesty
Kindness
Forgiveness

Roles/ Media evolution

Question: What roles are available in the media industry?
R093: Exploring the requirements and roles

Analysis.
Debating skills
Verbal reasoning

Question: What are the technical element of medias?
R094:- Students to have experimentation throughout the analysis of this
Implementation
Creation of a product



Science-testing, implement

The media industry



Identity and digital graphics

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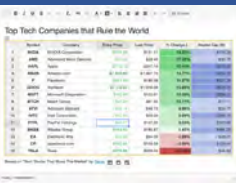
Python and Next Steps



Question: What are the uses of a spreadsheet?
Exploring how to enter data and use formulae

Maths- Calculations

Spreadsheets



Question: How are network types decided?
Developing an understanding of LAN and WAN networks.

Debating skills
Networking

Networks



Client
Peer to Peer

Scientific

Maths- Index/lists

Syntax

Editing
Implementing format

Question: What makes a functioning program?
Explore a range of features within programming.

Question: How do you produce the visual and sound for a video?
Exploring how to create the visuals and sound for a video

Video Production

Question: How secure is our data?

Security issues to be explored and a variety of preventive techniques.
Being able to give secure advice of how to protect data.

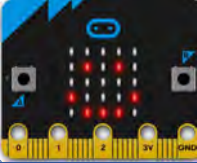
Health and safety, Providing justification

PSHCE- E safety

Physical computing

LED lights
Sound

Question: What is physical computing?
Exploring interactivity through displays, buttons and sound



Microbit

Animation reviewing, Justification

Question: Can animation be used in all areas of the media?
Animation to advertise- Exploring the use of animation within the media.



Animation

Web Development and Cyber Security

Recalling Legal knowledge

Data protection act
Legislation

Maths- Plotting coordinates

Problem solving
Creation of a product

Advertising
Reviewing

Planning
Designing

Editing, Digital media

Question: How important is understanding binary?
Exploring the requirement of data to be stored as binary and the usefulness of this.

Problem solving
Conversions of binary numbers

Elements of the computer
Problem solving

Maths- Addition

Binary addition
Convergence

Understanding Computers

Question: How does block-based coding support advanced programming skills? Transferable skills: Students will understand the foundation of coding.

Ordering of instructions

Scratch



Maths- Arithmetic operations

Formatting, Calculations, Formulas

Sequencing
Block-Based

Creative Media

Animation
Transition

Providing justification
Creation of a product
Implementing format

Formatting

Vector/
Bitmap graphics

Graphics

Editing
Digital media

Creation of a product
Reviewing a product



Office Applications

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Question: How can a creator use purpose to create a product?
Using software to create a movie poster that will be linked to a specific purpose

Using a search engine

Question: Does formatting make a document outstanding?
Exploring formatting styles and techniques- Pupils create and analyse a wide variety of formatting styles.