KS3 Computing: subject sequencing overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	**Microsoft word, initial assessments.**	**PowerPoint**	**Microsoft Excel**	**Microsoft Publisher**	**Microsoft activity topics**	**Practical Geographic project**
	- Initial assessments - Outlook email set, office365 introduction - Introduction to Word - Word Basic functions - Layout - Key shortcuts - Saving, file organisation	- Introduction to PowerPoint - PowerPoint basic functions - PowerPoint layout - Basic Online Topic research skills - Animation/Transitions and their use - Presentation creation, presenting to an audience - Touch typing Introduction and work	- Introduction to Excel - Purpose and use of Excel - Excel's layout - Excel image, and table creation - Excel multiplication formulas - Basic Excel keyboard shortcuts - Excel end of term assessment.	- Introduction to publisher - Defining differences, similarities to Word, purpose and use - Publisher layout, tutorial - Basic design brief and research task using Publisher - Touch typing advanced work -	- Reintroduction on Microsoft products - Microsoft activity around paragraph story telling - Research PowerPoint presentation on the Colossus Computer - Microsoft Word assessment on writing an emails and letters - Excel functional skills practical activity	- Introduction on Brief 'Designing an outdoor class room' - Practical planning around school, photographing landscape (Word) - Planning an measuring Design (Publisher) - Presenting their project/Design to the class (PowrePoint) - Planning, budgeting design (Excel)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 8	**Computer systems**	**Online Safety**	**Internal/External Computer Parts**	**Internal/External Parts Practical**	**Bytes to Kilobytes, how data is represented in a computer system**	**Production Skills (practical)**
	- Introduction, definition of a computer system - Exploring impacts of computers on the environment - Listing the uses of Computers in the modern age - Exploring history of a computer system	- Introduction to online safety - Exploring Digital footprint - Example of Online bullying and its effects - Activities on how to keep safe online - Where to find help from organisations for online safety - Activity task Creating online safety leaflet (Publisher) - Online safety password protection	- Introduction to internal parts of Computer - Discussing the types of internal parts of a computer and their uses - Activity, creating a catalogue/guide of the internal and external parts of a computer and their uses	- Reintroduction to previous created guide to Internal parts of computer - Tutorial dissembling a computer guide - Practical assessment dissembling computer, removing, cataloguing parts	- Introduction how data is represented on a computer system - Introduction into storage devices and storage size - Creating calculation table and working out storage denominators - Assessment on Bytes, Kilobytes	- Introduction film production, brief overview of equipment - Health and Safety activity about working with camera lights and sound equipment - Sound equipment tutorial (Tascam) - Film Camera, tripod set up tutorial - Film lightning types tutorial - Teacher lead film project

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	**Coding, Binary and ASCII**	**Digital Drama/Social Media and mental health**	**Demographic representation in digital drama**	**Copyright law/Four Points of Fair Use**	**Online researching topic combining Copyright law**	**Film Preproduction, Production, Post production practical skills**
	- Introduction to Binary - Uses, purposes and history of Binary in real world use - Decoding Binary - Introduction to ASCII - Differences and similarities between ASCII And Binary - Decoding ASCII into Binary - Applying Binary to Microsoft Excel	- Reintroduction to online safety - Exploring different forms of social Media - Exploring key digital terminology, examples within the media of Digital Drama - Creative Fairy-tale Digital drama / Online safety narrative presentation - Discussion topics about mental health and the use of social media - Introduction discussion to demographic representation in social media	- Introduction demographic representation through online social media and digital drama - Activity memes and Tiktok 'How demographics are represented' - Information and Social Media, where is people's data being distributed. - Health and safety with online spending and protection	- Introduction to copyright - Defining copyright and fair use - Exploring and defining the Four Points of Fair Use - The history of Fair Use, Copyright - Exploring examples of Fair Use copyright claims group debate whether they fall under fair use (Assessment)	- Introduction in Google advanced search settings applying Four Points of Fair Use - Random websites leaflet review research (Publisher, Word) - Introduction consorting research - Hawaii Booklet advertisement campaign (Publisher)	- Reintroduction film production, brief overview of equipment - Health and Safety activity about equipment - Preproduction skills, script writing and storyboard creation - Production skills creating short film - Post Production editing skills (Adobe Premiere Pro)