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|  | EYFS | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Autumn 1 |  | * To take a photo using an ipad
* To take a photo using a camera
* To use paint software
 | * Use a graphing package to collect, organise and classify data, selecting appropriate tools to create a graph and answer questions.
* Enter information into a simple branching database, database or word processor and use it to answer questions.
* They save, retrieve and edit their work
 | * To use an online search engine
* To add and edit text
* To add and manipulate an image
* To cut and paste
 | * Use advanced tools in word processing such as tabs, appropriate text formatting, line spacing etc.
* To cut and paste
* To integrate graphics into a presentation
* Perform searches using different search engines and check the results against each other,
 | * Capture photos
* Edit digital photos
* Import music
 | * Source, capture and manipulate images as part of a bigger project
* Use effects for meaning rather than to impress
 |
| Autumn 2 |  | * To use a simple pictogram to create a graph
* To use a simple simulation programme
* To collect data in an organised way
 | * Generate their own work combining text and graphics.
* Save and retrieve and edit their work
 | * To create a sequence of instructions
* To work logically
* To make predictions
 | * To research using online tools
* To insert images and text
* To edit the formatting of the report
 | * Upload videos and blogs onto the school website
* Use imovie / ipads
* Import sounds files
* Send and receive emails
 | * To research using online tools
* To insert images and text
* To edit the formatting of the report
 |
| Spring 1 |  | * Choose suitable sounds
* To use a recorder
 | * To select and import already existing music and sound effects
* To record their own music or sound effects
 | * Record sounds using a recording device
* Import sounds from a sound file onto a document
 | * Manipulate digital images using a range of tools in appropriate software
 | * Use a data logger
* Capture intermittent or continuous data readings
* Enter data into a spreadsheet
* Know how to enter simple formulae
 | * Create sequences of commands to control devices
* Design, build, test, evaluate and modify a system
 |
| Spring 2 |  | * To input a picture onto a document
* To save work
* To open a file
* To use a mouse to navigate around a page
 | * Control a device, making predictions about the effect their programming will have

To plan ahead | * To know how to open, save a file
* To understand and be able to navigate around a tool bar
* To have an understanding of how paint program works
* To input text
 | * To type a short set sequence of instructions to plan ahead
* Write procedures to predict, test and modify

Use control software to control devices | * To capture still and moving images
* To video using iMovie
* To upload to file onto the school website
* To use a range of tools on iMovie to improve and edit their work
 | * Abide by school rules for e-safety
* Independently search the internet using a variety of techniques to find a range of information and resources on a specific topic
* Be able to validate information and check for bias and accuracy
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| Summer 1 |  | * To combine text and graphics
* To edit text and graphics in a document
* Begin to research using the internet
 | * Children use a search engine to find specific relevant information
* To save and retrieve their work
* To use the back and forward buttons on websites
* To use hyperlinks
 | * Follow the e-safety rules of school
* To be able to open and close a search engine
* Navigate between webpages
* To know how to scroll through web pages to locate information
 | * Use advanced tools, appropriate text formatting, line spacing etc to create quality presentations for a known audience
* Integrate sound and video for on-screen presentations
 | * Use advanced tools in word processing such as tabs, appropriate text formatting, line spacing etc.
* Cut and paste text and images
* Integrate graphics into a presentation and manipulate them
* Perform searches using different search engines and check the results against each other
* To inset sound files into a presentation
* To add hyperlinks
 | * Plan and carry out data collection
* Organise and analyse data
* Present findings
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| Summer 2 |  | * To plan a set of instructions
* To give precise instructions
 | * To use a camera
* To download images

To save images | * To collect data
* To create a graph or table from data
* To interpret data
 | * Set up and use a spreadsheet model to explore patterns and relationships
* Enter information into a data collection sheet and interrogate it (searching, sorting and graphing)
* Reflect on how useful the information was in answering a given question
 | * To identify and debug an algorithm
* To use functions
* Apply loops into an algorithm
* Use functions with parameters
 | * Source, capture and manipulate images as part of a bigger project
* Use effects for meaning rather than to impress
* To research using online tools
* To insert images and text
* To edit the formatting of the report
* Share ICT they have done electronically
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