

## COMPUTING - Information Technology

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Statutory Information (NC)</b>		Use technology purposefully to create, organise, store, manipulate and retrieve digital content		Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration  Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content  Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information			
<b>Digital content and media</b>	To select and use technology for particular purposes (ELG)	Take photographs that will tell me something  Use video and record sound for a purpose	To take and to change a photo  Use video and record sound for a purpose	Create pictures using a range of tools and effects (zoom, blur, diffuse, darken, reflect, repeats)  Record sounds and voices and use tools to add effects	Know how information is stored in a blog  Take digital images and crop, copy and paste to edit  Script, plan and shoot a short film, considering shot types	Use a variety of tools and effects to record and edit sounds and music  Plan a film or animation for a specific purpose, using green screen if available.  Compare and contrast different online communication methods	Create and edit pictures in a paint program to achieve a specific purpose  Choose an online communication mechanism for a specific purpose and explain reasons for choosing it
<b>Word-processing</b>		Use different brushes and tools in a paint program to create pictures  Type their name using a capital letter  Use the backspace button to delete	Change the font style, size and colour  Write a sentence, using spaces between words.  Use the enter key for a new line	Use all fingers to create text based documents  Incorporate images, select appropriate fonts, size and colour for a purpose  Use bold, underline and italics for emphasis	Create text based documents using appropriate layout (bullet points, numbers, indenting, columns, fonts)	Create text based multimedia documents  Select appropriate layout, font, tools for a purpose	Incorporate hyperlinks and transitions in documents and presentations
<b>Save and retrieve files</b>	To know that information can be retrieved from computers (30-50)	To save work in a given place	Retrieve their work from a shared space  To create, organise and store a simple graph (J2e)	Edit text by highlighting and save changes  Know how to save work to a shared drive.  Retrieve their work from a shared space.	Use a spell checker  Retrieve images from a shared space  Retrieve their work from a shared space	Use right click to correct spellings, look up words and find synonyms  Save and retrieve work from a shared space	Retrieve and amend text based documents from a shared space
<b>Data handling</b>		Take observational photographs  Use video/sound to record data to answer questions  Contribute to creating a pictogram	Collect data and use it to create charts and graphs  Explore a branching database  Save and retrieve data from a shared space or website	Find information from a database  Add information to a database  Create their own branching database to answer questions	Ask questions and identify data to be collected  Plan and create a database, distinguishing between numerical, text and list data  Know how to identify inaccurate data	Collect and record information using databases and spreadsheets  Complete complex searches (e.g. using and/or; $\leq$ / $\geq$ ) of data in databases and online data sources  Solve problems by manipulating data and present their findings	Complete data collection and analysis  Select, collect, check accuracy and analyse data through relevant tools and present results
<b>Vocabulary</b>	Computer, information	Brush, tools, fill, shapes, paint, image, focus, record, return, space, sound, sound effect, photograph, sort, group, video, sound, match, pictogram, tally, film, image, photograph, label	Picture, tools, repeating patterns, image, sound, shift, caps lock, capital, edit, arrow, text, backspace, delete, data, chart, graph, branching database, question, pictogram, sort, image, photographs	Digital image, media, paint package, crop, import, tools, effect, edit, font, style, size, colour, database, branding database, data, data collection	Data, chart, graph, branching database, question, numerical, list, text, field, search, sort	Story board, layout, format, track changes, animation, stop frame, edit, blog, sound, audio file, import, sound effect, track, graphic, hyperlink, data, chart, graph, branching database, question, field, numerical data, spreadsheet, cell, row, column, format	Film, cut, copy, paste, edit, audience, trim, effect, filter, sort, formula, data, mean, average, spreadsheet, inaccurate, field, variable, search

Not covered in 2020-21 due to COVID 19 lockdown