



Assessment in Computing

E-Safety

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Knowledge	<p>I am beginning to understand how to stay SMART (safe, meet, accept, reliable, tell) online.</p> <p>I understand how to search for safe images.</p> <p>I can identify some personal information and begin to understand how it can affect safety online.</p> <p>I understand that there are digital ways to communicate, e.g. email.</p> <p>I know to tell a trusted adult if they see something inappropriate online.</p>	<p>I understand how to stay SMART online.</p> <p>I understand whether a webpage is suitable for children or not.</p> <p>I know what a digital footprint is.</p> <p>I can identify some forms of digital communication, e.g. email.</p> <p>I can identify kind and unkind behaviour online.</p>	<p>I Understand how websites use adverts to promote products.</p> <p>I am beginning to understand the importance of privacy settings.</p> <p>I can Identify other platforms for digital communication, e.g. online gaming/apps.</p> <p>I understand my digital footprint and how it can affect safety online.</p> <p>I understand what cyberbullying is and some ways to address it.</p>	<p>I can explain how cyberbullying can affect someone.</p> <p>I can explain how to respond to unkind messages.</p> <p>I know the term plagiarism and how to avoid it.</p>	<p>I can Identify spam emails and what to do with them.</p> <p>I can Recognise when, why and how photographs we see online may have been edited.</p> <p>I can explain the consequences of my actions online.</p>	<p>I can explain the positives and drawbacks of current technology, including social media.</p> <p>I can explain how the media influences ideas and opinions.</p> <p>I can Identify a range of ways to report concerns.</p> <p>I Understand how to keep my private information secure online.</p> <p>I can Compare cyberbullying to in-person bullying and identify effective strategies to deal with it.</p>
Skills	I can Save, name and date digital work they create.		I can safely send and receive emails.	I can Create a safe online profile with a strong password.	I can Write citations for the websites I use for research.	



Technology, Software and Programs

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Knowledge	<p>I can Identify and discuss forms of information technology in the home and school.</p> <p>I am Beginning to understand the purpose of a search engine.</p> <p>I Understand that information is presented in many ways (e.g. text, images and videos).</p>	<p>I can Identify and discuss forms of information technology in the wider world.</p> <p>I Understand the purpose of a search engine.</p> <p>I Understand the need for safety filters.</p> <p>I can Describe some likes and dislikes about a webpage.</p>	<p>I can Name a range of programs and some of their basic features.</p> <p>I am Beginning to understand that not all information online is reliable.</p> <p>I am Beginning to decide whether a website is useful and appropriate.</p>	<p>I can Suggest a program that could be used based on its features.</p> <p>I Understand that not all information online is reliable and how it is inputted (Wikipedia).</p> <p>I can Decide whether a website is useful and appropriate.</p>	<p>I can Justify why they have chosen to use a specific program.</p> <p>I can Identify who a webpage may be aimed at and explain why.</p>	<p>I can explain the purpose, strengths and drawbacks of different programs.</p> <p>I can explain how results are selected and ranked, including wording used for initial search.</p>
Skills-Internet	<p>I can Open the internet browser.</p> <p>I can Use a given webpage to find some facts or an image to answer a specific question.</p>	<p>I can Use a safe search engine to find facts and images to answer a specific question</p> <p>I can Identify key words in a question to use in a search engine.</p>	<p>I can Use a safe search engine to find facts and images about a specific topic</p> <p>I can Identify some key facts from a chunk of text or a video.</p>	<p>I can Use a safe search engine to find facts about a topic</p> <p>I can Identify relevant key facts from a chunk of text or a video.</p>	<p>I can Use a safe search engine to find facts about a wider topic</p> <p>I can Navigate their way around a webpage to find relevant information, including using hyperlinks.</p>	<p>I can Select relevant information from a webpage.</p> <p>I can Compare information from two different sources.</p>
Skills-Microsoft Office	<p>I can Switch on a computer and log on and off (with adult support).</p> <p>I can Open a program or previously saved work (with adult support) and close a program.</p>	<p>I can Log on and off safely.</p> <p>I can Open and close a program.</p> <p>I can Save a document with an appropriate name.</p>	<p>I can Save documents in a specific location.</p> <p>I can Print documents with a specific property, e.g. A3.</p> <p>I can Begin to type using both hands and use</p>	<p>I can Create a folder to save a document into.</p> <p>I can Print a document with the appropriate properties.</p> <p>I can Type using both hands and use a wider</p>	<p>I can Type confidently using both hands.</p> <p>I can Add a background and borders.</p> <p>I can Use headers and footers, including page numbers.</p>	<p>I can Type proficiently.</p> <p>I can Insert and use a range of tools and features.</p> <p>I can Choose an appropriate layout, e.g.</p>



<p>Skills- Microsoft Office</p>	<p>I can Save a document with an appropriate name (with support).</p> <p>I can Print a document (with support).</p> <p>I can Type and draw in a document.</p> <p>I can Use the computer mouse or trackpad to move, click and drag objects.</p> <p>I can Change font, colour or size of text.</p> <p>I can Use icons to copy and paste.</p> <p>I can Insert, resize and rotate an image.</p>	<p>I can Print a document.</p> <p>I can Use upper and lower case letters when typing.</p> <p>I can Insert images, text boxes and shapes and begin to edit them, e.g. changing colour, including using copy and paste.</p> <p>I can Use bold, italics and underline features.</p> <p>I can Create a short presentation by inserting and editing slides.</p> <p>I can Follow hyperlinks to another webpage.</p>	<p>punctuation marks, including using shift.</p> <p>I can Edit the design and layout of a document, e.g. background, borders, orientation, columns, margins.</p> <p>I can Insert bullet points or a numbered list.</p> <p>I can Choose and insert different slides with purpose.</p> <p>I can Input data into a spreadsheet to create a database.</p> <p>I can Find and highlight specific cells, rows and columns.</p>	<p>range of punctuation marks.</p> <p>I can Begin to use simple shortcuts, e.g. ctrl and c to copy.</p> <p>I can Insert a hyperlink to a webpage.</p> <p>I can Insert a table, add text and begin to use editing tools (e.g. make headers bold).</p> <p>I can Understand why the red and blue error lines occur and edit work accordingly.</p> <p>Insert a range of transitions and animations.</p> <p>I can Choose and justify background/design.</p> <p>Apply and use filters to order and sort data.</p> <p>Format spreadsheet or shade rows, columns and individual cells.</p>	<p>I can Use a range of tools to edit a table, e.g. merge, insert row, align text, shading.</p> <p>I can Use the spelling and grammar function and edit documents appropriately.</p> <p>I can Change transition or animation effects (e.g. timer, sounds).</p> <p>I can Insert a hyperlink within and across programs.</p> <p>I can Use a wider range of formulas to find specific information.</p> <p>I can Create graphs from data.</p>	<p>margins, tables, orientation, columns.</p> <p>I can Choose an appropriate design depending on the formality of the document, e.g. font, size, colour, borders.</p> <p>I can Review and edit documents using a range of tools.</p> <p>I can Create and present an effective presentation using a range of features.</p> <p>I can Sort, filter and use other formulas to find specific information more efficiently.</p> <p>I can Create a wider range of graphs and add a title and axis labels.</p>
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Algorithms

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Skills	<p>Bee-Bot I can carry out a sequence with a single command, including forwards, backwards and turn.</p> <p>I can programme the Bee-Bot to get from one point to another along a specific route.</p> <p>I can make sensible predictions about where a Bee-Bot may stop from a simple set of instructions.</p>	<p>Bee-Bot I can carry out a sequence with multiple commands to go along a specific route.</p> <p>I can make sensible predictions about where a Bee-Bot may stop from a set of instructions.</p> <p>I can change and improve their sequence of commands.</p> <p>Scratch Junior I can choose a new sprite or background.</p> <p>I can carry out a sequence with multiple commands, including increasing or decreasing size of sprite.</p> <p>I can use other simple commands, such as speak, repeat and sounds.</p> <p>I can debug a set of instructions when necessary.</p>	<p>Scratch I can choose a new sprite or background.</p> <p>I can add and delete commands.</p> <p>I can carry out a sequence with multiple commands, including moving and turning.</p> <p>I can use other codes, such as say, think, increase, decrease and sounds.</p> <p>I can detect and correct errors in algorithms as necessary.</p>	<p>Scratch I can start commands in different ways.</p> <p>I can animate a sprite by using change costume and repeat functions.</p> <p>I can use conditional statements within the program to control the sprite (e.g. if... then..)</p> <p>I can detect and correct errors in algorithms as necessary.</p>	<p>Scratch I can create and edit variables.</p> <p>I can use a wider range of conditional statements to control the sprite.</p> <p>I can design a simple game including sprites, backgrounds, scoring and/or timers.</p> <p>I can detect and correct errors in algorithms as necessary.</p>	<p>Scratch I can design a game using conditional statements, loops, variables and broadcast messages.</p> <p>I can evaluate the effectiveness of the game and debug as required.</p>



Multimedia

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Skills	<p>I can use ICT to generate ideas for their work.</p> <p>I can use various tools such as brushes, pens, rubber, stamps and shapes.</p> <p>I can use software to take a photograph and capture a video.</p> <p>I can use software to record sound at and away from a computer.</p>	<p>I can take photographs and videos for a purpose.</p> <p>I can discuss which videos to keep and which to delete.</p> <p>I can change, save, retrieve and edit sounds they have recorded.</p>	<p>iMovie/Movie Maker</p> <p>I can arrange clips to create a short film.</p> <p>I can choose which clips to keep and which to discard.</p> <p>I can add a title and credits.</p>	<p>iMovie/Movie Maker</p> <p>I can trim and arrange clips to convey meaning.</p> <p>I can add titles, credits, slide transitions and special effects.</p>	<p>Animation</p> <p>I can plan what I would like to happen in my animation.</p> <p>I can take a series of pictures to form an animation.</p> <p>I can move items within my animation to create movement on playback.</p> <p>I can edit and improve their animation.</p>	<p>Animation</p> <p>I can plan a multi-scene animation including characters, scenes, camera angles and special effects.</p> <p>I can adjust the number of photographs taken and the playback rate to improve the quality of the animation.</p> <p>I can publish my animation and use a movie editing package to edit/refine and add titles.</p>