



Reception Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I know what a keyboard is and how to locate relevant keys	
I know what a mouse is and can use a mouse for basic skills	
I can operate a camera to take photos	
Programming 1 and 2	
I can follow instructions	
I can give simple instructions	
I can experiment with a Bee-Bot	
Data Handling	
I can represent data through sorting and categorising	
I represent data through a pictogram	
Notes	



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Year 1 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I understand the common uses of technology	
I can use technology to create	
I am beginning to log in and out and saving work on my own	
Programming 1 and 2	
I understand the importance of algorithms.	
I know why algorithms need to be clear and precise.	
I can give examples of algorithms.	
I can programme a Bee-Bot to follow a planned route	
Data Handling	
I can represent data in tables, charts and pictograms	
I can sort data and create branching databases	
I recognise a spreadsheet	
E-Safety	
I know when someone is being unkind online and what to do if I feel uncomfortable	
I know some top tips for staying safe, respectable and responsible online	
Notes	



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Year 2 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I understand what a computer is and that it is made of different components	
I recognise that buttons cause effects, and that technology follows instructions	
I am developing confidence with the keyboard	
Programming I	
I can explain what an algorithm is	
I can create a clear and precise algorithm	
I use logical thinking to explore software, predict, test and explain their purpose	
Creating Media	
I can use software to create story animations	
I can create and label images	
I use word processing software to type and reformat text	
Data Handling	
I can consider how a computer is used to monitor data	
I can interpret data	
I can collect and input data into a spreadsheet	
E-Safety	
I understand that personal information should not be shared	
I know how to be respectful to others online	
Notes	



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Year 3 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I understand what a network is and its purpose	
I can identify key components within a network	
I recognise links between networks and the internet	
I understand what the different components of a computer do and how they work together	
Programming	
I can explain the purpose of an algorithm	
I can form an algorithm independently	
I use logical thinking to explore more software, predict, test and explain their purpose	
Creating Media	
I can take photos and record videos for different purposes	
I can use software to edit and enhance videos	
I use select, use and combine a variety of software on a range of devices to design and create	
E-Safety	
I understand how to be a responsible digital citizen	
I understand that not all information on the internet is factual	
I can recognise what cyberbullying is	
Notes	



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Year 4 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I understand why it is important to work collaboratively	
I can use online software for documents, presentations, forms and spreadsheets	
I can design and create for a purpose	
Programming	
I can explore a range of coding and understand its purpose	
I can incorporate variables to make code more efficient	
I use a systematic approach to debug, justify what is wrong and how it can be corrected	
I can use decomposition to understand and solve problems	
I use abstraction to identify important parts when completing activities	
I can create an algorithm for a specific purpose	
Skills showcase	
I understand that web pages are built using different programming languages, and one of them is HTML	
I can build a web page and create content for it	
I can alter key elements on a webpage including text and images	
E-Safety	
I recognise appropriate behaviour when collaborating online with others	
I understand about cyberbullying and how to stop it	
I recognise what personal information should not be shared online	
Notes	



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Year 5 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I am developing searching skills to help find relevant information on the internet	
I understand how apps access information and how to alter permissions	
I use search technologies effectively, appreciate results and evaluate digital content	
Programming	
I can decompose an animation into a series of images	
I can write more complex algorithms for a purpose	
I predict and explore how software will work	
Data Handling	
I am learning vocabulary associated with data	
I recognise that computers transfer data in binary code and use binary to create a written message	
I can explain how the size of random-access memory (RAM) affects the processing of data (CPU)	
Creating Media	
I can use video editing software or animation software to animate	
I can identify ways to improve and edit programs, videos and images	
I can decompose animations into a series of images	
E-Safety	
I can identify possible issues with online information	
I have developed an understanding of cyberbullying and how to seek advice	
I understand the effects of a media balance	
Notes	



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Year 6 Computing

TAF strand:	Date(s) achieved Children not meeting expectation Children working above expectation
Computing systems and networks	
I am learning about the history of computers and how they have evolved over time	
I use my understanding of historic computers to design a computer for the future	
I recognise that updated software can help prevent data corruption	
Programming	
I predict and evaluate code adapting it to its purpose	
I can use and adapt nested loops	
I design, write and debug programs to accomplish specific goals	
I can write increasingly complex algorithms for purpose	
Data Handling	
I understand how barcodes, QR codes and RFID work	
I can gather and analyse data in real time	
I can create formulas and sort data within spreadsheets	
Creating Media	
I can plan, record and edit a radio play	
I create and edit sound recordings for a purpose	
I create and edit videos, adding multiple elements, music, voiceover, sound, text and transitions	
E-Safety	
I understand the importance of a secure password	
I use search engines effectively and safely	
I consider my digital footprint and online reputation	
Notes	