**Primary Computing - Progression of Skills and Assessment Profile – Information Technology**

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| **Age Related Expectations** | | | | | | | |
| **EYFS**  **Expectations** | **Year 1**  **Expectations** | **Year 2**  **Expectations** | **Year 3**  **Expectations** | **Year 4**  **Expectations** | **Year 5**  **Expectations** | **Year 6**  **Expectations** | **Beyond Year 6**  **Expectations** |
| I can complete a simple activity/game on a digital device. | I can recognise that digital content is represented in many forms *(image, text, audio, video).*  Purple Mash  **(All Units)** | I can use a range of input and output devices *(keyboard, mouse, touchscreen, microphone, screen, printout, video, audio etc).*  Purple Mash**(All Units)** | Purple MashI can carry out searches to find digital content on a range of online systems *(e.g. within Purple Mash or on an internet search engine).*  **(All Units)** | Purple MashI understand the purpose of a search engine and the main features within it.  **(Unit 4.7)** | Purple MashI can search precisely when using a search engine *(e.g I know I can add additional words or remove words to help find better results).*  **(Unit 5.2)** | Purple MashI can use filters when searching for digital content and can use more complex searches for information *(e.g. 'AND', 'OR’, ‘NOT').*  **(Unit 6.2, 6.9)** | I can write formulae to solve maths problems *(e.g. unit converters).* |
| I can use software to create digital content (*art, music etc).* | Purple MashI can use a variety of software to manipulate and present digital content.  **(All Units)** | Purple MashI can organise and find data using specific searches *(e.g. using 2Investigate).*  **(Units 2.3, 2.4, 2.5)** | Purple MashI can collect, organise and presents data and information in digital content.  **(Units 3.3, 3.6, 3.8)** | Purple MashI can look at information on a webpage and make predictions about the accuracy of information contained within it.  **(Unit 4.7)** | Purple MashI can explain in detail how accurate, safe and reliable the content is on a webpage.  **(Unit 5.2)** | Purple MashI can explain in detail how accurate and reliable a webpage and its content is.  **(Unit 6.2)** | I can analyse and evaluate data and information and recognise that poor quality data leads to unreliable results, and inaccurate conclusions. |
| I can shoot and review digital photos. | Purple MashI can talk about my work and make changes to improve it.  **(All Units)** | Purple MashI can use several programs to organise information (*e.g. using binary trees such as 2Question or spreadsheets such as 2Calculate).*  **(Units 2.4, 2.8)** | Purple MashI can talk about my work and make improvements based on feedback received.  **(All Units)** | Purple MashI can create and improve my solutions to a problem based on feedback *(e.g. creating a program using Scratch or 2Code).*  **(Units 4.1, 4.2)** | Purple MashI recognise the audience when designing and creating digital content.  **(All Units)** | I can compare a range of digital content sources and rate them in terms of content quality and accuracy.  Purple Mash**(Units 6.1, 6.3, 6.4, 6.5, 6.7, 6.9)** |  |
| I can type letters using a keyboard *(physical or touchscreen)* to write short words or sentences. | Purple MashI can name, save and find my work.  **(All Units)** | I can edit digital data *(e.g. data in music composition software like 2Sequence).*  Purple Mash**(Unit 2.7 & most units)** | I can present and analyse data and information using different software *(e.g. 2Question - branching database or 2Graph - graphing tool).*  Purple Mash**(Units 3.3, 3.6, 3.8, 3.9)** | Purple MashI can review solutions that others have created, using a checklist of criteria.  **(Units 4.1, 4.2)** | Purple MashI can comment on how successful a digital solution is that I have created *(e.g. a program built in 2Code or Scratch).*  **(All Units)** | I can consider the intended audience carefully when I design and make digital content.  Purple Mash**(Units 6.1, 6.3, 6.4, 6.5, 6.7, 6.9)** |  |
|  | Purple MashI can add sound, pictures and text to my creations *(e.g. 2Create a Story, Our Story, Shadow Puppet Edu etc).*  **(Unit 1.6)** | Purple MashI can show an awareness for the quality of digital content produced.  **(All Units)** | Purple MashI can create digital content to achieve a given goal through considering the most appropriate software to use and through combining different applications where appropriate.  **(All Units)** | I can create content and solutions and can share digital content with a wider audience using a variety of applications *(e.g. 2Blog, 2Email, Display Boards and school social media accounts).*  Purple Mash**(Units 4.1, 4.3, 4.4, 4.8)** | I can work collaboratively with others creating solutions to problems using appropriate software *(e.g 2Code, 2Connect) and can share it with others.*  Purple Mash**(Unit 5.7)** | Purple MashI can design and create my own online blogs.  **(Unit 6.4)** |  |

\* Children should also **understand and apply the vocabulary related to this strand of the curriculum** for their year group.

***Skills based on progression documents from 2Simple Software, CAS (Computing at School), Animate 2 Educate Ltd and Simon Haughton Computing***