Area	Foundation Stage	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Digital Literacy	• Can identify a device that uses technology. • Ask permission before using the Internet. • Tell an adult if something worrying or unexpected happens whilst using technology.	• Understand why we need passwords. • Understand that we must keep passwords private. • Explain what personal information is. • Understand that we must keep personal information private. • Communicate safely and respectfully online. • Know what to do when concerned about online content. • Know what to do if someone tries to contact you online.	• Understand the need to keep a password private. • Understand the need to keep personal information private. • Demonstrate the use of technology responsibly in terms of how we use it and the time we spend using it. • Know how to report inappropriate content or contact online.	• Children consider their responsibilities and actions to others online. • Children consider that all of the media they see could have been altered. • Understand how to use a search engine responsibly and safety.	• Understand that media can be edited online for advertising and other purposes. • Recognise what is acceptable and unacceptable behaviour when using technology and online services. • Children understand how effective a strong password is and what a strong password looks like.	• Be aware of their digital footprint. • Understand the dangers of building online relationships. • Explain what the consequences might be to using technology inappropriately or accessing inappropriate content intentionally.	• Be aware of fake news and how to dissect it. • Understand the difference between misinformation and disinformation. • Understand what Copywriting is and using someone else's work responsibly. • Manage their conduct and contact appropriately and safely when using technology and online services.

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ICT Beyond School	• Talk about technology that is used at home, in school and in the world around them. • Use a safe part of the Internet to explore, play and learn.	• Recognise that a range of digital devices and products can be considered computers. • Recognise the ways in which technology is used in their homes and community. • Understand that computers have no intelligence and can do nothing without being programmed. • Begin to identify some of the benefits to using technology.	• Children can explain why they use technology in the classroom, in their homes and in the community. • Identify the benefits of using technology, such as creating content and communicating efficiently. • Can identify a computer by knowing that it has inputs, a processor and outputs. • Can identify parts of a computer including what an input and output is.	• Save and retrieve work online, on the school network and their own device. • Tell you ways to communicate with others online. • Knows how navigate the web responsibly. • Can carry out effective web searches to collect digital content. • Think about whether they can use images that they find online in their own work.	• Understand the difference between the Internet and online services such as the World Wide Web, instant messaging and email. • Tell you whether a resource they are using is from the World Wide Web, the school network or their own work. • Identify key words to use when searching safely on the World Wide Web. • Show an awareness of a range of Internet services such as the World Wide Web, email and instant messaging. • Explain how to check who owns photos, text and clipart.	• Use different online tools for different purposes. • Use a search engine effectively to find appropriate information and check the reliability of a website. • Understand how search results are selected and ranked and the algorithms they use. • Recognise and evaluate different types of information they find on the World Wide Web. • Think about the reliability of information they read on the World Wide Web or other Internet services (Fake News).	• Explain the Internet services they need to use for different purposes. • Describe the different parts of a webpage. • Understands how to construct a website using basic HTML tags. • Explain what copyright is and acknowledge the sources of information that they find online. • Understands how data is transmitted across a network. • Understand what IP is and how it's used. • Can explain how networks use the Internet to send and receive data.