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| 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. |