|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 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.
 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Area | Foundation Stage | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| **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.
 |