



Computing Vertical Concepts

Digital Literacy

Year 1

Understand what is meant by technology and can identify a variety of examples both in and out of school. Make a distinction between objects that use modern technology and those that do not e.g. a microwave vs. a chair. Importance of keeping information, such as their usernames and passwords, private and actively demonstrate this in lessons. Take ownership of their work and save this in their own private space such as their My Work folder on Purple Mash.

Year 3

The importance of having a secure password and not sharing this with anyone else. Explain the negative implications of failure to keep passwords safe and secure. Understand the importance of staying safe and the importance of their conduct when using familiar communication tools such as 2Email in Purple Mash. Know more than one way to report unacceptable content and contact.

Year 5

Secure knowledge of common online safety rules and can apply this by demonstrating the safe and respectful use of a few different technologies and online services. Relate appropriate online behaviour to their right to personal privacy and mental wellbeing of themselves and others.

Year 2

Retrieve relevant, purposeful digital content using a search engine. Apply their learning of effective searching beyond the classroom. They can share this knowledge, e.g. 2Publish example template. Make links between technology they see around them, coding and multimedia work they do in school e.g. animations, interactive code and programs. Implications of inappropriate online searches. Begin to understand how things are shared electronically such as posting work to the Purple Mash display board. Develop an understanding of using email safely by using 2Respond activities on Purple Mash and know ways of reporting inappropriate behaviours and content to a trusted adult.

Year 4

Explore key concepts relating to online safety using concept mapping such as 2Connect. Help others to understand the importance of online safety. Know a range of ways of reporting inappropriate content and contact.

Year 6

Demonstrate the safe and respectful use of a range of different technologies and online services. Identify more discreet inappropriate behaviours through developing critical thinking, e.g. 2Respond activities. Recognise the value in preserving their privacy when online for their own and other people's safety.