## ONLINE SAFETY

**National Curriculum Objectives**
- **Co2/1.4** Understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration.
- **Co2/1.5** Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- **Co2/1.7** Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

| Prior Learning (Year 2) | Vocabulary | Apps & Links |
|---|---|---|
| • **Co2/1.5** recognise common uses of information technology beyond school<br>• **Co2/1.6** use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about material on the internet or other online technologies | -Passwords<br>-Accounts<br>-Devices<br>-Personal Information<br>-Private/Privacy<br>-Protect<br>-Connected Devices<br>-Apps<br>-Trustworthy<br>-Recording<br>-Commands<br>-Monitored<br>-Supervision<br>-Terms of Use<br>-Privacy Policy<br>-Free App<br>-Geo Location<br>-Auto Updates<br>-App permissions<br>- Collecting data<br>-Spam<br>-Scammers<br>-Govern | Project Evolve<br>Jigsaw |

# Progression of Skills
# Privacy & Security

| Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|---|---|---|---|
| **Knowledge:** | **Knowledge:** | **Knowledge:** | **Knowledge:** | **Knowledge:** |
| - I know why we need passwords for accounts/devices.<br>- I know the appropriate types of content that can be shared online and suggest ways to protect this.<br>- I know and can name a wide range of internet connected devices at home. | - I know some methods for keeping password safe and secure.<br>- I know that passwords protect my reputation and the information that I consider important.<br>- I know that smart devices often collect and share personal information and other information about people (e.g. tech usage). | - I know some appropriate strategies for keeping personal information private in different contexts.<br>- Understand how monitoring services are used to keep children and users safe online.<br>- I know what the digital age of consent is.<br>- I know how to get help if I am unsure about consenting to an online service. | - I know the risks posed by not protecting accounts and information online.<br>- I understand how apps request permission to access data and functions on a device.<br>- I understand the relationship between the value of data and the ethics of collecting that data.<br>- I know that the data we share is valuable to app developers.<br>- I know that app permissions allow access to our personal information. | - I know effective strategies for managing passwords.<br>- I know that the data we share is valuable to app developers.<br>- I know some tactics employed by scammers<br>- I know that online services have terms and conditions that govern their use.<br>-I know that terms and conditions say what the company is allowed to do and what a user is allowed to do.<br>-I know that terms and conditions may include information about how an online service makes money. |
| **Skills:** | **Skills:** | **Skills:** | **Skills:** | **Skills:** |
| - I can explain how passwords can be used to protect information, accounts and devices.<br>- I can list the features of effective passwords.<br>- I can describe the difference between information shared on public platforms (YouTube) and privately (WhatsApp/Direct message.) | - I can describe simple strategies for creating and keeping passwords private.<br>- I can give reasons why someone should only share information with people they choose to and can trust.<br>-I can explain that if they are not sure or feel pressured then they should tell a trusted adult. | - I can describe strategies for keeping personal information private, depending on context.<br>- I can identify the risks posed by over-sharing information online.<br>- I can explain that internet use is never fully private and is monitored, e.g. adult supervision. | - I can suggest appropriate strategies for creating strong passwords and explain why these are effective.<br>- I can explain what a strong password is and demonstrate how to create one.<br>- I can explain how many free apps or services may read and share private information (e.g. friends, contacts, likes, images, | - I can describe effective ways people can manage passwords (e.g. storing them securely or saving them in the browser).<br>- I can suggest methods for managing situations where passwords are lost or stolen.<br>- I can explain what to do if a password is shared, lost or stolen. |

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| - I can explain and give examples of what is meant by 'private' and 'keeping things private'.<br>- I can describe and explain some rules for keeping personal information private (e.g. creating and protecting passwords.)<br>- I can explain how some people may have devices in their homes connected to the internet and give examples (e.g. lights, fridges, toys, televisions).<br>- I can name some of the features of a connected device. | - I can demonstrate an awareness of the people I trust.<br>- I can make decisions about what information they share and with whom.<br>- I can describe how connected devices can collect and share anyone's information with others. | - I can explain the reasons why internet use may be monitored.<br>- I can structure an argument from one perspective and convey this with effective and clear contributions.<br>- I can describe how some online services may seek consent to store information about me; I know how to respond appropriately and who I can ask if I am not sure. | videos, voice, messages, geolocation) with others.<br>- I can suggest some reasons as to why apps/companies request access to personal data.<br>- I can explain what app permissions are and can give some examples. | - I can suggest methods for managing situations where passwords are lost or stolen.<br>- I can describe why people should keep their software and apps up to date.<br>-I can describe how people can keep their software and apps up to date e.g. auto updates.<br>- I can describe simple ways to increase privacy on apps and services that provide privacy settings.<br>- I can describe ways in which some online content targets people to gain money or information illegally; I can describe strategies to help me identify such content (e.g. scams, phishing.)<br>- I can distinguish between genuine and fake content/sites.<br>- I can identify the features of scam communications |