

Year 4 – Term 1

**Is it always the right person in charge?**

**COMPUTING**



#### National Curriculum Links:

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. Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

#### Essential Prior Learning:

Children will have used computers to present learning, using programs such as Word, J2e or Clicker.

Children have learnt to skim and scan for key words and to find the relevant page on a given websites, looking for key words.

#### Progression in Skill:

Demonstrate that they can act responsibly when using computers.

Understand the difference between acceptable and unacceptable behaviours when using digital technology.

Decide whether digital content is relevant for a given purpose or question.

Use and combine a range of programs on a computer.

Collect and present data.

Use a standard search engine to find information.

Understand that search engines rank pages according to relevance.

#### Long-term Memory Knowledge:

A wiki is a website or online resource that can be edited by multiple users; it can be used to share information with a wider audience.

To find the most appropriate website for information, it's important to be precise with the key words you search for.

Microsoft Word is a useful tool for completing a range of tasks, particularly producing written documents.

#### Key Vocabulary

<b>Wikipedia</b>	a free online encyclopaedia, created and edited by volunteers around the world
<b>search engine</b>	a webpage where you can look up different information
<b>tab</b>	a further document or page that can be opened on a spreadsheet or web browser
<b>word processor</b>	software that is used for creating, editing and printing documents

<b>cut</b>	a tool on a computer where you can 'cut' something from one place before putting it elsewhere
<b>copy</b>	a tool on a computer where you can 'copy' something and use it again elsewhere
<b>paste</b>	a tool on a computer used after 'cut' or 'copy' to put the image or text where you need it to be

#### Progression in Resources:

Wikipedia, Microsoft Word, Google

#### Relevance

<b>Now</b>	Children develop their understanding of how technology can be used to find, present and share information to a wider audience; they know what a wiki is and why information on Wikipedia may not always be trustworthy and should be checked against another source.
<b>Future</b>	Children use technology to support them in their lives – both professional and personal – and consider the reliability of information found online.
<b>Aspiration</b>	Careers such as journalism, editor, publisher, website developer are considered; webpages are used to communicate with others as part of hobby/leisure time. Word processors are used to create documents, complete assignments and write papers.