

Year 4 Term 1

Are there moments in history that are more important than others?

Computing – Information Technology



National Curriculum Links:

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:

Confidently find letters on a keyboard.
Use the shift key to type a range of characters.
Make documents more engaging by editing the style and effect of the text and images, for example, changing the font, font colour, font size, bold, italic, underlined, text alignment, bullet points, text boxes, shading, borders.
Use the undo button.
Use specific key words and phrases when finding information in search engines.
Understand that a search engine will use autocomplete to predict the rest of my search and be able to use autocomplete to choose the best option.
Be able to explain the difference between, an 'opinion' and a 'fact' on the Internet.

Explain that not everything read or seen online is true or accurate and give examples

Progression in Skill:

Use search engines effectively by applying filters, using quotation marks for exact phrases, and refining search terms when needed.
Recognise that information online can be shared by anyone and may not always be accurate.
Recognise some websites that are more trustworthy, like BBC Bitesize or National Geographic Kids and explain why.
Find letters on the keyboard, sometimes without looking.
Type at greater speed, using the index finger on each hand.
Reorder sections of text using the right mouse button to cut, copy and paste.
Think carefully about the audience and purpose when making decisions about presentation.
Use spell check and thesaurus.

Long-term Memory Knowledge:

Demonstrate using a search engine effectively, by using filters to narrow results, quotation marks for exact phrase searches and refining search terms to improve accuracy.
Know that not all online information is reliable, partly because anyone can publish content on the internet.
Name some websites that are more trustworthy, e.g. BBC Bitesize, National Geographic Kids.
Name some of the indicators a website is more likely to be reliable.
Know the layout of the keyboard and be able to locate letters quickly, sometimes without looking.
Develop touch typing skills, developing fluency and efficiency, beginning to use the index fingers on each hand.
Be able to cut, copy, and paste text using the right mouse button.
Know where to find the spell check and thesaurus tools and use effectively.
Make thoughtful decisions about presentation style, considering the audience and purpose of the work.

Key Vocabulary

search engine	a website that helps you find information on the internet, like a digital librarian
word processor	a computer program used to write and change text, like a digital notebook
filters	tools that help you sort or find things quickly by showing only what you need.
quotation marks	special punctuation marks (") used to find specific phrases in a search
cut	removes text or pictures so you can move them somewhere else.
copy	makes a copy of text or pictures so you can use it again.
paste	puts the text or picture you cut or copied into a new place

Progression in Resources:

Microsoft Word, Swiggle, google

Relevance

Now	Children learn how to use computers to help them present their learning, finding out more about Word and how to use its features effectively.
Future	Children are able to further their skills throughout the rest of their education and into employment, using technology with ease.
Aspiration	Children choose to work in Information Technology, leading the in the field and supporting others.