






Subject: Computing	Year group: 4 Term: Summer 1	Title: Digital Research
<p data-bbox="353 389 633 416"><b>What should I know?</b></p> <ul data-bbox="237 464 792 1046" style="list-style-type: none"><li>• That information found as a result of a search can vary in relevance</li><li>• That I need to use key words to search to find suitable results</li><li>• That provision is made in schools to filter when and where the internet can be used as a research tool</li><li>• That technology can give rapid access to a wide variety of information and resources, including internet, TV, DVDs</li><li>• That a website has a unique address and the need for precision when typing it</li><li>• The importance of giving an appropriate name to files that can then be stored on the computer</li></ul> 	<p data-bbox="994 389 1240 416"><b>Facts I will learn ...</b></p> <ul data-bbox="875 464 1397 1286" style="list-style-type: none"><li>• The process of finding specific information, finding any difficulties during the process and how these are overcome</li><li>• That information found as a result of a search can vary in relevance</li><li>• To recognise that anyone can be an author on the internet and sometimes web content is inaccurate or even offensive and that the content can be shared by others</li><li>• That there are a range of child friendly search engines</li><li>• How to develop key questions and key words to search for specific information to answer a problem</li><li>• How to analyse results in a search about accuracy</li><li>• That websites will sometimes encourage people to buy things online and what some of the methods websites use are.</li><li>• What fake news is.</li></ul> 	<p data-bbox="1621 389 1823 416"><b>Key questions ...</b></p> <ul data-bbox="1480 464 2024 831" style="list-style-type: none"><li>• Can anyone be an author on the internet?</li><li>• What key words or questions can we use to make the search more specific?</li><li>• Is the information we find always relevant?</li><li>• Which is the most appropriate search engine to use?</li><li>• How can we distinguish between fact and opinion?</li></ul> 

### Key Skills...

- To use a range of child friendly search engines to locate different media
- To choose the most appropriate search engine for the task e.g. image search
- To evaluate different search engines and explain their choices in using these for different purposes
- To develop key questions and key words to search for specific information to answer a problem and refine these where necessary
- To use strategies to verify the accuracy and reliability of information, distinguishing between fact and opinion, e.g. cross checking with different websites or books
- To use appropriate tools to save and retrieve accessed information, e.g. through the use of favourites, history, copy/paste and save as
- To know how to temporarily allow useful pop-ups from a website
- To develop use of more advanced searching techniques



### Experiences that school may provide:

- The opportunity to carryout digital research linked to a topic



### Key vocab      Definition

<b>Search Engine</b>	A search engine is a service that allows Internet users to search for content via the World Wide Web (WWW). A user enters keywords or key phrases into a search engine and receives a list of Web content results in the form of websites, images, videos or other online data.
<b>Cross Checking</b>	The process of verifying figures or information by using an alternative source or method.
<b>Fact</b>	A thing that is known or proved to be true.
<b>Opinion</b>	A view or judgement formed about something, not necessarily based on fact or knowledge.
<b>Accuracy</b>	Being exact and conforming to the truth
<b>Content</b>	Subject matter which is contained on the internet

<b>Web links</b>  <a href="https://www.safesearchkids.com/kids-search-engines/">https://www.safesearchkids.com/kids-search-engines/</a>	<b>Experiences that could be provided at home...</b> <ul style="list-style-type: none"> <li>Carrying out digital research at home to answer a question linked to the class topic or homework</li> </ul>	<b>Information</b>	Things that can be known about a topic
		<b>Advertising</b>	Providing public information about a person or goods to influence others
		<b>Fake</b>	Not real
		<b>Searching</b>	Attempting to find something