



## Curriculum

Year 5 Scheme of Work			
<b>Term: Taught throughout the year</b>		<b>Topic: Information – safe searching</b>	
<b>Key Skills and Knowledge:</b>			
<p><b>National Curriculum Statement</b> 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</p> <p><b>Key skills and competences</b></p> <ul style="list-style-type: none"> <li>• I can talk about the structure of databases in terms of fields and records.</li> <li>• I can suggest whether the number of results of a search will be greater or fewer depending on the criteria used.</li> <li>• I know how search results are selected from key words and understand that the order they are presented can be affected by popularity and for commercial reasons e.g. some sites pay to appear at the top.</li> <li>• I take care when typing in a URL and can explain why this is important.</li> <li>• I can give examples of sites that are likely to contain reliable information.</li> </ul>		<ul style="list-style-type: none"> <li>• I have evaluated several websites and am able to comment on their suitability for purpose.</li> <li>• I understand that IT enables you to search and sift through large amounts of different types of information quickly. .I can present the information I have found in a visual way.</li> </ul> <p><b>Online safety</b> <b>National curriculum statement</b> use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact</p> <p><b>Key skills and competences</b></p> <ul style="list-style-type: none"> <li>• I know that clicking on links and downloading files and software can harm the computer and/or compromise security.</li> <li>• I do not click on links or download files, software or apps that I am not 100% sure are safe and I ask my teacher or parent if I am not sure.</li> <li>• I only use search engines that are suitable for children.</li> <li>• I know that many sites and apps ask permission to access some of the information on the computer e.g. using cookies.</li> <li>• When I search, I always check the description of the link before clicking on it.</li> <li>• I take care when typing in a URL or search term and can explain why this is important.</li> </ul>	
<b>Reading and Writing Opportunities (Long and Short Activities)</b>			
<b>Creative Ideas and Hooks</b>			
<p>Research topics Use Word hippo to find synonyms and definitions Present topic related data as an infographic <a href="https://www.visme.co/make-infographics/">https://www.visme.co/make-infographics/</a></p>		<p><b>Creative ideas and hooks</b> Compare weather in places with different biomes using <a href="https://www.metoffice.gov.uk/">https://www.metoffice.gov.uk/</a> Compare historical weather for evidence of climate change using <a href="https://www.wunderground.com/history">https://www.wunderground.com/history</a></p>	
<b>Links to PSHCE, Equality and British Values Work</b>			
<p>Research information on animals - <a href="https://kids.nationalgeographic.com/animals">https://kids.nationalgeographic.com/animals</a> Look at the impact of social media on animals - <a href="https://www.nationalgeographic.com/animals/article/how-fake-animal-rescue-videos-have-become-a-new-frontier-for-animal-abuse">https://www.nationalgeographic.com/animals/article/how-fake-animal-rescue-videos-have-become-a-new-frontier-for-animal-abuse</a></p>			
<b>Key Vocabulary:</b>		<b>Resources Available / Visits/Visitors</b>	<b>Useful Websites:</b>
Search engine URL Cookies Bias reliable	Ranking Database Filter Sort Relevance	<a href="#">Search and Access Resources</a> ▶ <a href="#">Theme   ProjectEVOLVEswiggle.org.uk - Child Friendly Search Engine for Kids</a>	<a href="https://www.wordhippo.com/">https://www.wordhippo.com/</a>