



**Prior Learning:** search engines such as Google, Bing and Yahoo, web links, blog posts, online and offline, SMART rules, what a web browser is, email is a good form of communication, how to use a search engine to find a picture, personal information should be kept private from strangers online

Facts	Vocabulary
<p><b>1. <u>What is a network?</u></b></p> <ul style="list-style-type: none"> <li>• A network is a number of things that are connected together in some way.</li> <li>• You frequently use networks in everyday life. Some examples of networks you will be familiar with are the railway network and road network.</li> <li>• Both of those networks connect towns and cities.</li> </ul> 	<ol style="list-style-type: none"> <li>2. search engine – a program that searches for items in a database that link to keywords specified by the user.</li> <li>3. communication – exchanging of information by speaking, writing or other mediums.</li> <li>4. bookmark – a shortcut saved to specific webpage.</li> <li>5. digital footprint – a trail of data you create while using the internet. It includes the websites you visit, emails you send and information you submit online.</li> </ol>
<p><b>2. <u>What is the World Wide Web (WWW)?</u></b></p> <ul style="list-style-type: none"> <li>• Tim Berners-Lee, a British Scientist, invented the World Wide Web (WWW) in 1989 and designed it in 1991.</li> <li>• It is more commonly known as the web.</li> <li>• It is a network of online content that is formatted in HTML.</li> <li>• HTML is the standard language used for documents online.</li> </ul> 	<p><b>4. <u>How do search engines display your results?</u></b></p> <ul style="list-style-type: none"> <li>• Search engines sort results to show you the ones they think are the most useful.</li> <li>• Different search engines use different algorithms. This means that some sites will give their results in a different order, or they may even show completely different results altogether.</li> <li>• Usually the top links are the most relevant to your search.</li> <li>• However, it is often worth scrolling down the page because you might find something better further down.</li> <li>• Sometimes the top links are adverts for companies who have paid to be listed at the top.</li> </ul>
<p><b>3. <u>How do search engines work?</u></b></p> <ul style="list-style-type: none"> <li>• To find what you're after, a search engine will scan its index of webpages for content related to your search.</li> <li>• A search engine makes this index using a program called a 'web crawler' or 'web spiders'.</li> <li>• This automatically browses the web and stores information about the pages it visits.</li> </ul> 