



Subject	Computing	Theme	Search Technologies	Term	3
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What should I already know?
<ul style="list-style-type: none"> • Search specifically with knowledge of meta tag technology and google terms to return the most useful source. • Web spiders’ role in search engines. • Appreciate how web pages are ranked in a search engine. • Understand how we view web pages on the internet • To use search technologies effectively using key words in search engines to get granular results. • To use search technologies effectively using key words in search engines to get granular results. • To understand that web spiders index the web for search engines. • To complete research using a search engine.

What should I know by the end of the unit?
<ul style="list-style-type: none"> • To have a knowledge of how web pages are accessed and how and why errors may occur • To understand how search engines operate and to use this to search knowledgably on the WWW • To research the concept of consumer goods in the 20th Century with the focused figure of Clive Sinclair. • To create own website for a search engine and ensure it will be highly ranked. • To research technologies of the 70s, 80s, and 90s and the development of consumer goods • To use search technologies to research the phenomenon of the Millennium Bug

Key Vocabulary	
Caching	A collection of web pages that shows the page as it was when it was indexed by a web crawler.
Client	A client is a computer that connects to and uses the resources of a remote computer, or server.
Crawling	Crawl describes a bot, script, or software program that visits a web page and grabs its content and links.
Cookies	Cookies are text files with small pieces of data — like a username and password — that are used to identify your computer as you use a computer network
DNS	DNS, or the Domain Name System, translates human readable domain names (for example, www.amazon.com) to machine readable IP addresses (for example, 192.0. 2.44).
Indexing	Making information (in this example search results) more presentable and accessible.
Meta tags	An HTML tag that identifies the contents of a Web page for the search engines. Meta tags are hidden on the page, but they, as well as all the HTML code on a page, can be viewed by selecting View/Source or View/Page Source from the browser menu.
Proxy	A proxy server is any machine that translates traffic between networks or protocols.
Ranking	Rank refers to the position of a website or page in a list of search engine results for a specific keyword
Server	A server is a computer connected to a network of other workstations called 'clients'.