

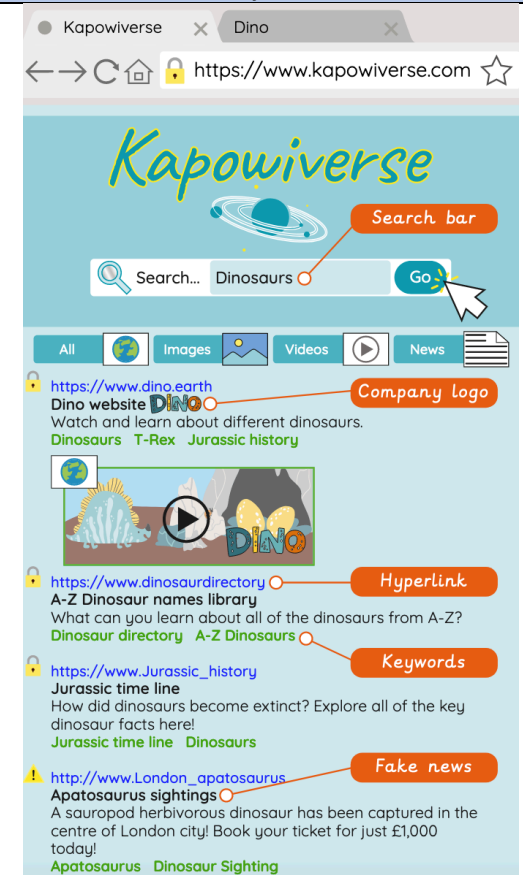


# Y5 Knowledge Organiser - Computing systems and networks: Search engines

## Key vocabulary

<b>Algorithm</b>	A sequence of instructions which, when followed, solve a problem.
<b>Company logo</b>	A symbol or motif, used to represent an organisation, so that it can be identified quickly and easily in a busy environment online or in the real world.
<b>Data leak</b>	When information is released without approval from the owner or creator.
<b>Data privacy</b>	The right to keep information private and away from those you do not wish to have access.
<b>Fake news</b>	False and inaccurate information that is shared in a convincing way, usually on social media and in websites.
<b>Inaccurate information</b>	When information is false and untrue. ⚠️
<b>Index</b>	A computer saves key information about previously searched results, to make this quicker next time they are accessed.
<b>Keywords (internet)</b>	A set of words used to define and produce an accurate search engine result.
<b>Network</b>	When more than one electronic device is connected in a network through the internet or a local connection in order to share files and information.
<b>Page rank</b>	Web pages are sorted in an order to give the user the most suitable results at the top of the list, the first result could be considered rank one.
<b>Search engine</b>	A way for a user to search the internet's database of information.
<b>TASK</b>	Title, Author, Summary, Kids
<b>Web crawler</b>	A program that uses keywords to search the WWW in a logical and systematic way to find the most suitable results for the user.
<b>Website</b>	A series of web pages and other content, which can be discovered and read through an internet browser, that all belong to a single domain name.
<b>WWW</b>	The acronym used to express the 'World Wide Web'. It is found at the beginning of website addresses e.g. www.kapowprimary.com

## Key Facts



What I have learnt before	What I am learning now	What I will learn next
<ul style="list-style-type: none"> <li>To understand that software can be used collaboratively online to work as a team.</li> <li>To understand what a network is and how a school network might be organised.</li> <li>Understanding that computer networks provide multiple services, such as the World Wide Web, and opportunities for communication and collaboration.</li> <li>Understanding the role of the key components of a network.</li> </ul>	<ul style="list-style-type: none"> <li>Learning the vocabulary associated with data: data and transmit.</li> <li>Learning how the data for digital images can be compressed.</li> <li>Recognising that computers transfer data in binary and understanding simple binary addition.</li> <li>To know about some of the historical figures that contributed to technological advances in computing.</li> <li>To understand what techniques are required to create a presentation using appropriate software.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding that computer networks provide multiple services.</li> <li>To understand that anyone can create a website and therefore we should take steps to check the validity of websites.</li> <li>To know that web crawlers are computer programs that crawl through the internet.</li> <li>To understand what copyright is.</li> </ul>