

Search engines

Year 5 Autumn 1 Computing

Key facts

Key knowledge

Links

Algorithm	A sequence of instructions which, when followed, solve a problem.
Company logo	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.
Data leak	When information is released without approval from the owner or creator.
Data privacy	The right to keep information private and away from those you do not wish to have access.
Fake news	False and inaccurate information that is shared in a convincing way, usually on social media and in websites.
Inaccurate information	When information is false and untrue. ⚠️
Index	A computer saves key information about previously searched results, to make this quicker next time they are accessed.
Keywords (internet)	A set of words used to define and produce an accurate search engine result.
Network	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.
Online	When a person is accessing the internet through an electronic device.
Page rank	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.
Search engine	A way for a user to search the internet's database of information.
TASK	Title, Author, Summary, Kids
Web crawler	A program that uses keywords to search the WWW in a logical and systematic way to find the most suitable results for the user.
Website	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. For example, Google. The main place where particular web pages can be viewed or accessed.
WWW	The acronym used to express the 'World Wide Web'. It is found at the beginning of website addresses e.g. www.kapowprimary.com

The screenshot shows a web browser window with the URL <https://www.kapowiverse.com>. The page title is 'Kapowiverse' and the search bar contains the text 'Dinosaurs'. A mouse cursor is clicking the 'Go' button. Below the search bar, there are navigation tabs for 'All', 'Images', 'Videos', and 'News'. The search results are displayed as a list of links:

- <https://www.dino.earth> - Dino website. Watch and learn about different dinosaurs. Keywords: Dinosaurs, T-Rex, Jurassic history. This result is annotated with a 'Company logo' label pointing to the 'DINO' logo.
- <https://www.dinosaurdirectory> - A-Z Dinosaur names library. What can you learn about all of the dinosaurs from A-Z? Keywords: Dinosaur directory, A-Z Dinosaurs. This result is annotated with a 'Hyperlink' label pointing to the URL.
- https://www.Jurassic_history - Jurassic time line. How did dinosaurs become extinct? Explore all of the key dinosaur facts here! Keywords: Jurassic time line, Dinosaurs. This result is annotated with a 'Keywords' label pointing to the text 'Jurassic time line'.
- http://www.London_apatosaurus - Apatosaurus sightings. A sauropod herbivorous dinosaur has been captured in the centre of London city! Book your ticket for just £1,000 today! This result is annotated with a 'Fake news' label pointing to the text 'Apatosaurus sightings'.

Y3 –
**Networks
 and the
 internet**
 Y6 – Google
 Bletchley
 Park