



St John Fisher RC Primary School

Year Five Knowledge Organiser – Summer One – Computing – Search Engines

What we will be learning

Lessons 1 - 4

I know:

- To understand the structure of the web and search engines.
- How pages are ranked in search engines.
- How to design the basic structure of a web page.
- How to enhance web page designs with detailed content.
- How to begin digital web page creation using Adobe Spark Page.
- How to finalise and export web page using Adobe Spark Page.

Key Facts to Remember

- I can identify the components of a web page and how they connect to form a website.
- I can describe how search engines work, including the basics of algorithms and SEO.
- I can create a simple web page layout using HTML and CSS with headers, paragraphs, and images.
- I can incorporate engaging text, graphics, and hyperlinks to create effective web pages.
- I can create, and edit a web page using Adobe Spark Page, showcasing learned skills and content.
- I can finalise a web page project and export it to share with peers or present to the class.

Key Vocabulary and Glossary

- **Web Page** - A document on the World Wide Web, typically written in HTML and accessible via a web browser.
- **Website** - A collection of related web pages hosted on a server and identified by a common domain name.
- **Hyperlink** - A link from a web page to another location or file, typically activated by clicking on text or an image.
- **Search Engine** - A tool that allows users to search for information on the internet using keywords. Examples include Google and Bing.
- **Algorithm** - A set of step-by-step instructions that a computer follows to solve a problem or complete a task, such as ranking search results.
- **SEO (Search Engine Optimisation)** - The process of improving a website's visibility in search engines to gain more visitors.
- **HTML (Hypertext Markup Language)** - The standard language used to create web pages and web applications.
- **CSS (Cascading Style Sheets)** - A stylesheet language used to describe the presentation of a document written in HTML.
- **Content** - Information or material that is presented in a web page, such as text, images, and videos.
- **Domain Name** - The address of a website on the internet, such as www.example.com.
- **Hosting** - The service that allows individuals and organisations to make their website accessible via the internet.

Interesting Facts

- The first website ever created is still online and can be visited at <http://info.cern.ch>.
- Over 1.8 billion websites exist today, showcasing the vastness of the World Wide Web.
- Search engines process over 3.5 billion searches every day, showing how integral they are to our daily lives.
- Mobile devices account for more than half of all web traffic worldwide, emphasising the importance of responsive web design.

Theme



Ancient Greek Gods

The ancient Greeks worshipped a pantheon of gods and goddesses, primarily the twelve Olympians, who were believed to reside on Mount Olympus. Worship involved various practices like animal sacrifices, prayers, libations, and the construction of temples and shrines.



Adobe Spark Page

Adobe Spark is a user-friendly, web-based platform that allows users to create graphics, videos, and web pages, with a focus on making digital asset creation accessible to a wide range of users.



SeeSaw

An educational platform that can be used to create an electronic portfolio of children's completed digital work.

Apps & Software