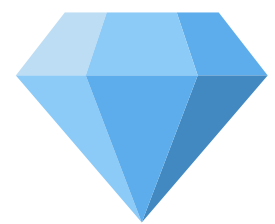
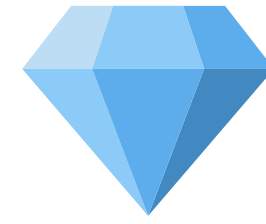


I have already learned:

- To explain that computers can be connected
- To explain how computers can be connected in a network
- To explain the purpose of a network switch, a server and a Wireless Access Point



KNOWLEDGE GEMS



I am going to learn:

- To explain that systems are built using a number of parts
- To describe the input, process, and output of a digital system
- To identify how to use a search engine
- To explain how search engines work
- To explain how search results are ranked
- To recognise why the order of search results is important

Outcome:

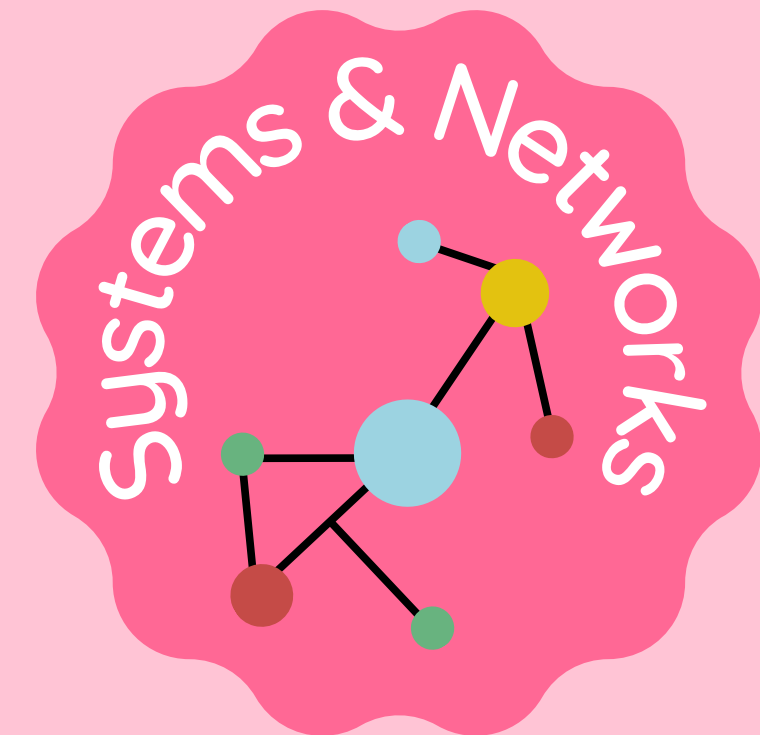
To create a paper-based website that is designed to appear high in search results.

Q Careers in systems x



Search Engine Optimisation

Helping companies to design a website that will appear high in search results.



Vocabulary

system	A collection of components that work together to perform a specific function or achieve a goal.
sensor	A device that detects and measures physical properties (such as temperature, motion, or light) and converts this information into data that can be processed by a computer.
search engine	An online tool that helps users find information on the internet.
optimisation	The process of making something as effective, perfect, or useful as possible.
index	An organized list of information, often in the form of keywords or topics, that helps users quickly locate data or documents.
rank	The position or level of importance assigned to something in a list based on specific criteria or algorithms, such as the relevance of search results in a search engine.



How computers work and how they are made.



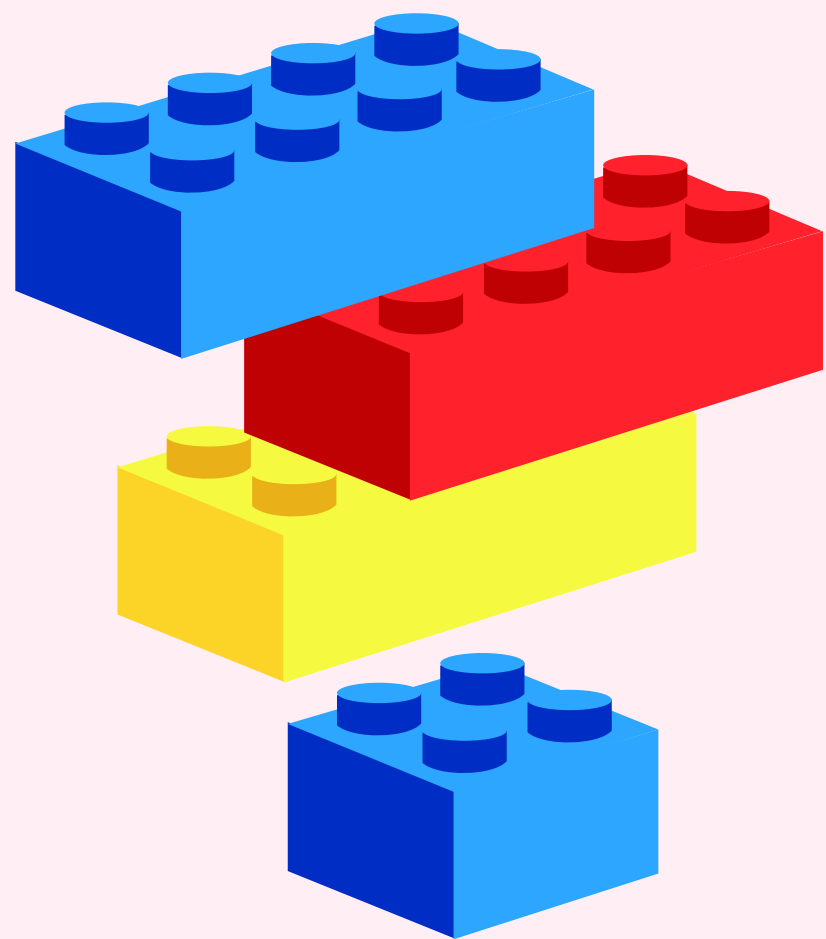
How to use computers to create digital content.



How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

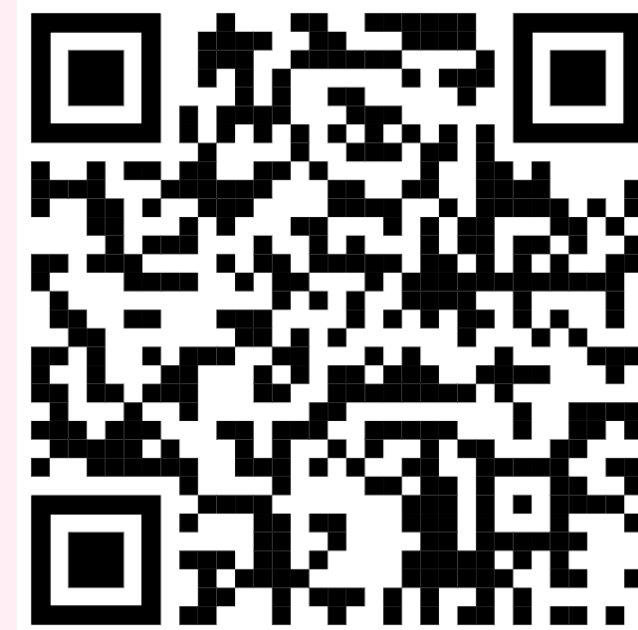
Building Blocks to E-Safety



E-Safety Tips

- Always turn on Safe Search settings to help filter out inappropriate content. Ask an adult to help you set this up on your computer or device.
- Be cautious about the links you click on. Not all search results are safe. If something looks suspicious or unfamiliar, ask an adult before clicking on it.
- Be Specific with Your Searches: Use specific and appropriate keywords when searching for information. This helps you find what you need more quickly and reduces the chances of encountering inappropriate content.

Useful Links



"Search engines are the modern-day keys to unlocking the world's vast treasury of knowledge."