

I have already learned:

- That a **connection** is a link between two or more people or things
- That a **network** is a group of many computers connected together
- That information can be passed between computers in a network
- That network connections can be wired or wireless
- That a **network switch** helps computers to talk to each other and passes messages to the right places
- That a **server** stores data and files so they can be used when needed - sort of like a digital library

I am going to learn:

- That the internet is a huge network that connects other networks together
- That routers connect devices to the internet and help messages be passed between networks
- That a **website** is a collection of pages under one website name
- That a **webpage** is a single page document on the internet
- That the World Wide Web is the part of the internet that we can visit websites on
- That many types of files and media can be shared on the World Wide Web
- That we access the World Wide Web using **web browsers**
- That websites and content on the internet belong to people and must only be used with permission
- That not everything you see on the internet is true
- That people might create fake images or write fake news to make money, become popular or gain power
- That false information can spread quickly on the internet and harm people

Did You Know?

The World Wide Web was invented by a British scientist named Tim Berners-Lee in 1989. It was originally created as a way to share information between universities across the world.

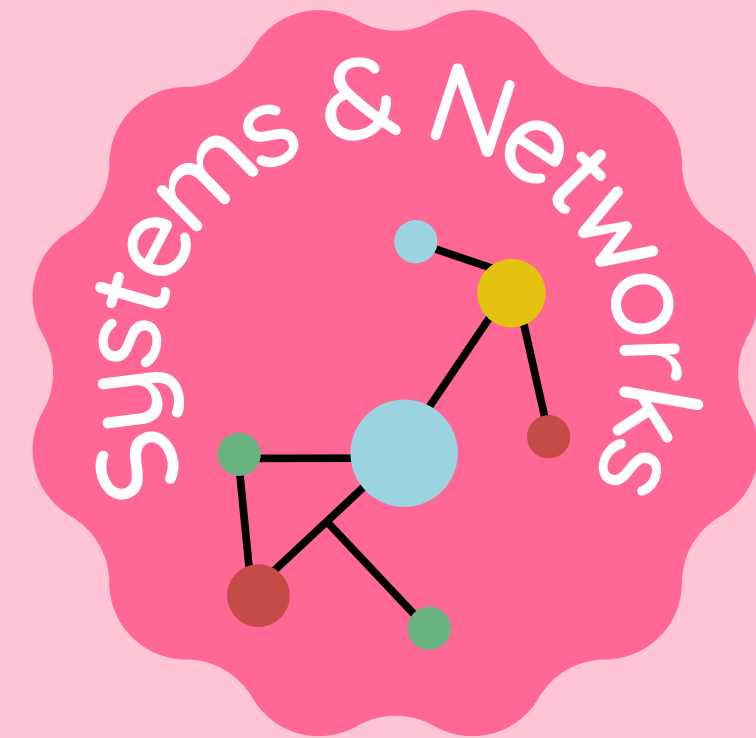


Careers in networks



Cyber Security Officer

Keeping computers and devices safe from hackers or viruses



Vocabulary

internet	The global system of connected computer networks.
router	A device that helps people to connect to the internet and send information between networks.
website	A collection of related webpages stored under a single name.
webpage	A single page document that can be viewed on the internet.
server	A very powerful computer which stores and shares information with other computers.
network switch	Helps to direct the flow of information in a network and make sure it gets to the right places.
World Wide Web (WWW)	A service on the internet that allows us to access webpages and websites.



How computers work and how they are made.

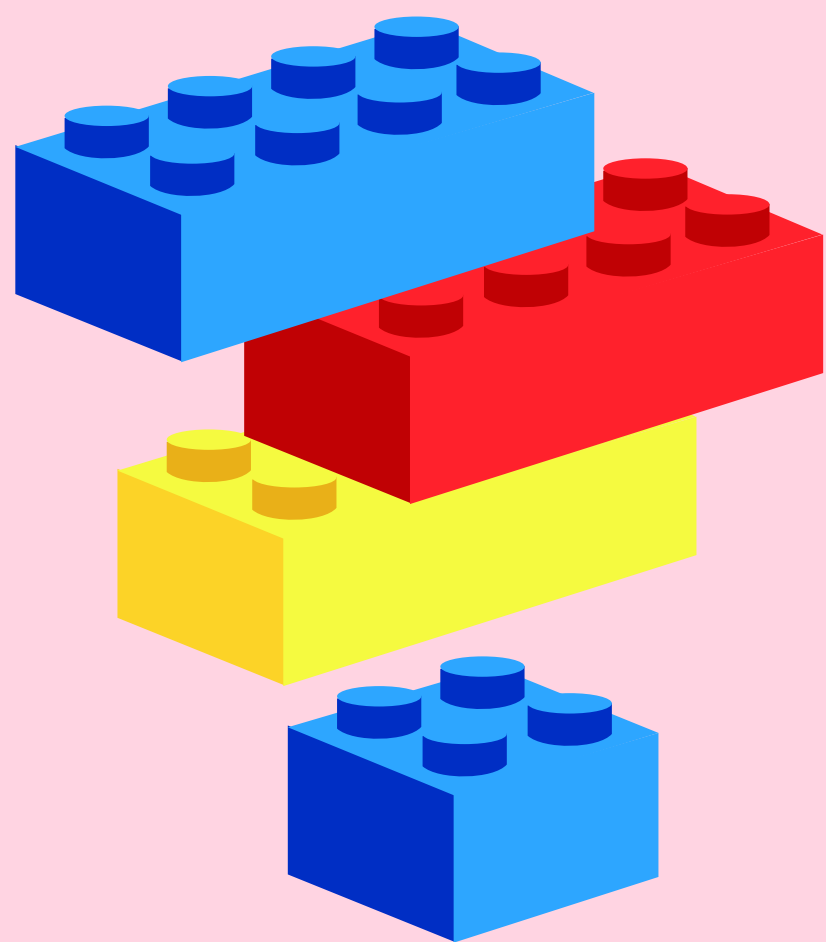


How to use computers to create digital content.



How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

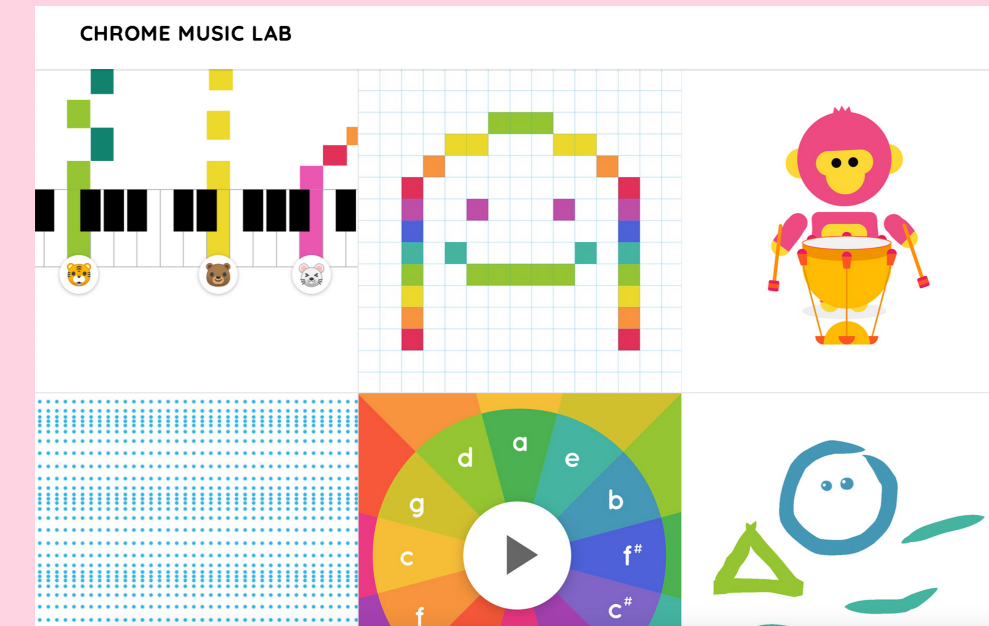


Building Blocks to E-Safety

E-Safety Tips

- Always ask a trusted adult's permission before using the internet, and let them know what you are going to do
- Be careful what you click on. Only visit websites that are safe and appropriate, and never click on links if you don't know what they are
- If something makes you uncomfortable, worried or upset, tell a trusted adult - they can help you to deal with the problem

Useful Links



Chrome Music Lab



Scratch link for lesson 4

"The internet is like a giant library, full of knowledge and ideas just waiting to be explored. With just a click, you can travel anywhere, all across the globe."