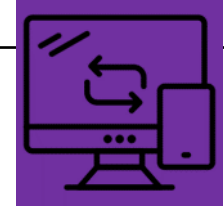




Objectives and Sticky Knowledge



Previous Knowledge:

1. I can explain how a computer network can be used to share information
2. I can explore how digital devices can be connected
3. I can recognise the physical components of a network.

Land Objectives and Sticky Knowledge:

To describe how networks physically connect to other networks	To recognise how networked devices make up the internet	To describe how content can be added and accessed on the World Wide Web (WWW)	E Safety - To evaluate the consequences of unreliable content
<ol style="list-style-type: none"> 1. I can describe the internet as a network of networks 2. I can demonstrate how information is shared across the internet 3. I can discuss why a network needs protecting 	<ol style="list-style-type: none"> 1. I can describe networked devices and how they connect 2. I can explain that the internet is used to provide many services 3. I can recognise that the World Wide Web contains websites and web pages 	<ol style="list-style-type: none"> 1. I can explain what media can be found on websites 2. I can recognise that I can add content to the WWW 3. I can explain that internet services can be used to create content online 	<ol style="list-style-type: none"> 1. I can explain that not everything on the World Wide Web is true 2. I can explain why some information I find online may not be honest, accurate, or legal 3. I can explain why I need to think carefully before I share or reshare content.

Sea:

Links with 'Communication' Golden Thread

Links to CST and CTK values:

Year 4 Computing Knowledge Organiser

Key Vocabulary

Internet	The Internet is a large network of computers connected to each other all around the world.
Website	This is a collection of web pages grouped together.
Webpage	This is a specific page that is viewed on a web browser by entering a URL address. It can display text, images and hyperlinks to other web pages.
Web browser	A web browser allows you to access the Internet, including search engines and other web pages.
World Wide Web	The World Wide Web is a collection of web pages found on a network of computers.
Search Engine	A search engine is a service you use on the Internet to help you find information via the World Wide Web.

Sky Objectives:

1. Use repetition in programs to aid in programming efficiency.
2. Select, use and combine a variety of software (including internet services) to design and create programs.
3. Help others to understand the importance of online safety and the range of ways inappropriate content and contact can be reported.

Stop and Think - Don't Choose the Weakest Link!

When making searches online, be sure to check the reliability of the link by:

1. checking there is an **s** at the end of the **https://** ;
2. looking for a padlock;
3. looking at a **web page's URL** and checking the top-level domain (.com, .co.uk, .org, .net);
4. checking the name of the **website** to see if it is one you have heard of before, such as BBC Bitesize or National Geographic.



The Internet

The Internet is a network of computers connected to each other all around the world.

The concept of the Internet was created by Robert Kahn and Vinton Cerf. You can access the Internet by connecting many digital devices to it, such as laptops, computers, tablets, smartphones, smartwatches and gaming consoles.

