



**Overview**



The Internet -You should also know that Information technology (I.T.) includes computers and things that work with computers. - You should also know that information and data can be shared by devices across networks. -The internet is a network of networks that is used around the world. -The World Wide Web is a system on the internet that has websites and webpages. -Some content is protected on the internet. It is important to know that not all information on the internet is accurate, honest, or legal. Websites and their content are created by people.

**Key Learning**

The World Wide Web is the part of the internet where we can visit web pages and websites. Information can be shared in the form of things we can see or hear (e.g. things we can read, music, sounds, or videos, etc.). When we use the world wide web, routers help us to journey to different networks in different parts of the world. Web browsers, e.g. Google Chrome and Internet Explorer, let us look at different pages on the internet.

Websites are a set of webpages. Webpages may contain different features, e.g. a title, links to other pages, images, videos, and text. Websites and webpages can be found using web addresses (domains), normally split into three parts: the www (world wide web), the name of the organisation/ topic, the type of organisation/ location.

Website content can be created by individuals (e.g. Dan TDM), organisations (e.g. LEGO), or groups such as the Scratch community. When accessing content, you can view, download, and use content depending on the type of website. Sometimes, you can take other people’s work and adapt it yourself, but you should still credit the original creator.

When sharing content, you should reference the original site and remember that screen shots can be taken. This means that even if you delete what you shared, it may not go away.

**Enquiry Questions**

- What is the internet?
- What makes up the internet?
- How are things shared on the internet?
- Can I trust everything I find on the internet?

**Key Vocabulary**

network	connects different devices to one another, allowing for information sharing
router	something that finds a route between networks, connecting them.
browser	a computer program application for reading pages on the internet
World Wide Web	a system on the internet that has websites and webpages.
content	The information that is posted on a website by people
links	Something that you can click on to take you to another part of a website or a different one
sharing	when you post a link, content, a file or a picture of something online
ownership	Something that belongs to you is owned by you
permission	Having the right to use or share something that someone else made

**Retrieval**

- 1) What is the internet?
- 2) How is information shared across the internet?
- 3) Name two things that can be sent or shared over the internet.
- 4) What is the difference between a website and a web page?
- 5) What do web browsers do?
- 6) Who can create website content?
- 7) If you use someone else’s work and change it to suit what you need, what must you do?
- 8) Does a picture disappear if you share it then delete it?
- 9) Is everything on the internet true?
- 10) Name two reasons why someone might publish fake news.

**Ownership and Permission**

The content on the internet may belong to different people or companies—the person who wrote it or the company who published it. The content may be copyrighted, meaning that others cannot copy or use it without permission.

Not all of the information that we see or hear on the internet is reliable. Some of it may be inaccurate due to people lying or misunderstanding things.

Inaccurate information can quickly spread. This has become known as ‘fake news.’ People share fake news to make money, to be popular , to gain power or by mistake. We should check multiple sources that we can trust to verify information.

**Online Safety Managing online information & Copyright and ownership**

I can analyse information to make a judgement about probable accuracy and why it is important to make my own decisions regarding content .

I can explain what is meant by fake news e.g. why people create stories or alter photographs and put them online to pretend something is true when it isn’t.

When searching on the internet for content to use, I can consider who owns it and whether I have the right to reuse it.

I can give some simple examples of content which I must not use without permission from the owner.