

# Year 4 Red Kites Computing Autumn 1

## The Internet



### What is The Internet?

The internet is a worldwide collection of computer networks. The term 'internet' refers to the network infrastructure, not the content stored on it. Web servers store and maintain web content, which is downloaded upon request to computers. Mail servers handle web-based email. Media servers allow clients to stream music and videos. Hosting is the storing of files and data on a web server. The web server is referred to as a host.

Key Vocabulary	Definition
<b>devices</b>	Different appliances that can be used to access the internet.
<b>download</b>	Copy data from one computer system to another.
<b>internet</b>	A global computer network providing a variety of information and communication facilities.
<b>internet safety</b>	Protecting yourself while on the internet.
<b>networks</b>	A computer network is a number of computers linked together to allow them to "talk" to each other and share resources.
<b>ownership</b>	The person who has legal possession of something.
<b>routers</b>	A router is a computer whose software and hardware are designed to move data between computer networks.
<b>server</b>	A computer that manages the network and stores files
<b>web page</b>	A document on the Internet.
<b>websites</b>	A website is a set of webpages that are joined together.
<b>World Wide Web</b>	The world wide web ('www' or 'web' for short) is a collection of webpages found on this network of computers.

### What is The Cloud?

The cloud is a generic term for using the internet to remotely access services and storage. Users do not actually know where the service or data is stored - the geographical location is unimportant. Users only need to know that the service is accessed or data is stored on a server connected to the internet.



### Web browsers:

A web browser is a computer program application for reading pages of the World Wide Web. Since the late 1990s, most personal computers and mobile phones and other mobile devices have a browser. Web browsers are used by people to find and look at web sites on the Internet

### Be careful what you share on the internet.

Think...

Is it accurate?

Is it true?

Can I share it?



### What is a Network?

A network is two or more computers (or other electronic devices) that are connected together, usually by cables or Wi-Fi.



### How can I access the World Wide Web?

