

BRUNSHAW PRIMARY SCHOOL



Inspiring children to be resilient and aspirational learners, within a positive and considerate community

Subject: Computing

Year group: 4 Term: Autumn 1

Title: The Internet

What should I already know?

- An input is data entered into a computer
- A process acts on the input
- An output is produced by the process
- Changing the process can affect the output
- A digital device is made up of several parts
- Computers can be connected to each other
- Computer systems can change the way that we work, for example speed and location
- Devices in a network are connected to each other
- A network is made up of a number of components
- In a network, information is passed through multiple connections
- The benefits of computer networks include ease of information sharing and communication

Facts I will learn

- The World Wide Web is part of the internet
- The global interconnection of networks is the internet
- For security reasons, certain information should not be shared on the internet
- Images, text, videos and music can be added to, created and shared on the World Wide Web
- Anyone can create, own and share content on the World Wide Web
- The internet enables us to view the World Wide Web
- The World Wide Web is made up of websites and web pages
- The World Wide Web makes it easier for people to get information and communicate

Key questions

- How do networks connect to each other?
- What is the internet made of?
- How can websites be shared via the World Wide Web?
- What is a website?
- Who owns the web?
- Can I believe what I read?

Key Skills

Experiences that school will provide

- Cross-curricular links with other subjects

Key vocab

Definition

<ul style="list-style-type: none">• To outline how information can be shared via the World Wide Web• To access websites using the World Wide Web• To navigate websites in order to find information• To use a tool on the World Wide Web to create content• To use clues to evaluate the reliability of online content• To understand some of the consequences of sharing unreliable content	<ul style="list-style-type: none">• Opportunities to work with a range of hardware and software																														
<p>Web links</p> <ul style="list-style-type: none">• How does the internet work? - BBC Bitesize Information on the internet• Keeping children safe online NSPCC Information about internet safety for children• Copyright for Kids Information on copyrighting for children	<p>Experiences that could be provided at home</p> <p>Talk to your child about the rules in home and at school to ensure their safety when using the internet.</p>	<table><tr><td>Internet</td><td>The global system of interconnected computer networks</td></tr><tr><td>Network</td><td>A group of interconnected computing devices</td></tr><tr><td>Router</td><td>A device that manages the flow of data between computer networks</td></tr><tr><td>Network switch</td><td>Allows devices to communicate and share information with one another</td></tr><tr><td>Server</td><td>Part of a computer network that provides data, services or programs to the computers in the network</td></tr><tr><td>Wireless access point</td><td>A device that allows wireless devices to connect to a network</td></tr><tr><td>Website</td><td>A collection of interlinked web pages, stored under a single domain</td></tr><tr><td>Web page</td><td>A document accessed and displayed by a web browser</td></tr><tr><td>Web address</td><td>The address of a file on the internet</td></tr><tr><td>Web browser</td><td>A program used to view, navigate, and interact with web pages</td></tr><tr><td>World Wide Web</td><td>A service provided via the internet that allows access to web pages and other shared files</td></tr><tr><td>Links</td><td>Text or media that when clicked, takes the user to another specified location</td></tr><tr><td>Files</td><td>A collection of data stored in a computer system</td></tr><tr><td>Download</td><td>To copy from one computer system to another</td></tr></table>	Internet	The global system of interconnected computer networks	Network	A group of interconnected computing devices	Router	A device that manages the flow of data between computer networks	Network switch	Allows devices to communicate and share information with one another	Server	Part of a computer network that provides data, services or programs to the computers in the network	Wireless access point	A device that allows wireless devices to connect to a network	Website	A collection of interlinked web pages, stored under a single domain	Web page	A document accessed and displayed by a web browser	Web address	The address of a file on the internet	Web browser	A program used to view, navigate, and interact with web pages	World Wide Web	A service provided via the internet that allows access to web pages and other shared files	Links	Text or media that when clicked, takes the user to another specified location	Files	A collection of data stored in a computer system	Download	To copy from one computer system to another	
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