iNetwork

Learning

- To understand that a computer network is a group of computers that are connected
- To know that computer networks allow users to communicate and share
- To understand that the internet is many networks that are connected to each other
- To know that a router sends/receives information as packets of data
- To know that internet search engines maintain, and rank, a list (or index) of other websites available on the World Wide Web
- To know that web pages are written in HTML
- To recognise and use basic HTML syntax

Key Vocabulary

Network	Connecting hardware that makes it possible to transfer data
Router	A device that connects lots of networks together and allows access to the internet
Internet	The cables, transmitters, receivers, switches and routers (infrastructure) that connects networks to other networks
World Wide Web	All of the web pages on the Internet
IP Address	The unique address of a device on a network
URL	Uniform Resource Locator. A web address that specifies the location of content on a network
Data	Information that can be stored and transmitted by computers
Packet	Small pieces of data
Search Engine	A program that searches the World Wide Web
Rank	The popularity of a website for a specific keyword search
HTML	Hypertext Markup Language

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Key Questions

What is the Internet?	The physical devices and equipment that connect networks to each other
What is the World Wide Web?	All of the web pages and website on the Internet
Show me the URL for this website	E.g. www.website.com
What is the IP address of your favourite website?	E.g. 192.222.333
How is data transferred around the Internet?	In packets
How do search engines rank a webpage?	Using a ranking algorithm
Where are the hyperlinks on this web page?	<a href="webpage"
Show me an image element on this webpage	