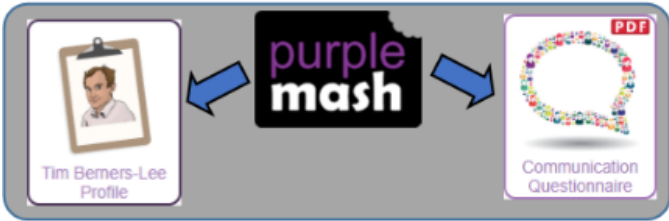| Computing	Unit 6.6 – Networks	Year 6

Key Learning

Key Learning
To learn about what the Internet consists of.
To find out what a LAN and a WAN are
To find out how the Internet is accessed in school.
To research and find out about the age of the Internet.
To think about what the future might hold.

Key Resources

Tim Berners-Lee Profile — purple mash — Communication Questionnaire

Key Vocabulary

Key Vocabulary	
Internet	A global computer network providing a variety of information and communication facilities consisting of interconnected networks using standardized communication protocols.
World Wide Web	An information system on the Internet which allows documents to be connected to other documents by hypertext links, enabling the user to search for information by moving from one document to another.
Network	Several interconnected computers, machines, or operations.
Local area network (LAN)	A computer network that links devices within a building or group of adjacent buildings, especially one with a radius of less than 1 km.
Wide area network (WAN)	A computer network in which the computers connected may be far apart, generally having a radius of more than 1 km.
Router	A device which forwards data packets to the appropriate parts of a computer network.
Network cables	Used to connect and transfer data and information between computers and routers.
Wireless	The ability to transmit data from one device to another without using wires.

Key Questions

Key Questions	
What is the difference between the Internet and the World Wide Web?	The Internet is a global network of networks while the Web, also referred formally as the World Wide Web (www) is collection of information which is accessed via the Internet.
What is the difference between a LAN and a WAN?	Both are networks that connect computers together. A LAN (Local Area Network) is normally for computers connected less than 1KM I distance whilst a WAN (Wide Area Network) refers to computers connected more than 1KM away.
Who is Tim Berners-Lee?	Tim Berners-Lee is the inventor of the World Wide Web. The WWW is the system that delivers webpages over the internet.