St Andrew's Church of England Primary School

Year 5 and 6 Knowledge Organiser – Term 1 Computing – Communication and Collaboration

Glossary of key words:	
Vocabulary	**Definition**
address	Specific location of where data is stored in memory or storage within a computer and from which they can be retrieved.
collaboration	Where modern technology tools help people work together efficiently.
data payload	The carrying capacity of a packet or other transmission data unit.
Domain Name Server (DNS)	The phonebook of the Internet, connecting web browsers with websites.
Internet Protocol (IP) address	The unique identifying number assigned to every device connected to the internet.
packet	A packet is a small segment of a larger message. Data sent over computer networks, such as the Internet, is divided into packets.
protocol	A set of rules for formatting and processing data.
slide deck	A collection of slides that are used together to deliver a presentation.

Outcomes:

- I can recognise that data is transferred using agreed methods
- I can explain that internet devices have addresses
- I can describe how computers use addresses to access websites
- I can identify and explain the main parts of a data packet
- I can explain that data is transferred over networks in packets
- I can explain that all data transferred over the internet is in packets
- I can recognise how to access shared files stored online
- I can send information over the internet in different ways
- I can explain that the internet allows different media to be shared
- I can identify different ways of working together online
- I can recognise that working together on the internet can be public or private
- I can explain how the internet enables effective collaboration
- I can explain the different ways in which people communicate
- I can identify that there are a variety of ways to communicate over the internet
- I can choose methods of communication to suit particular purposes
- I can compare different methods of communicating on the internet
- I can decide when I should and should not share information online
- I can explain that communication on the internet may not be private
- I can explain how to report inappropriate content online



communication



packet



collaboration