

Teach
Computing

header

data payload

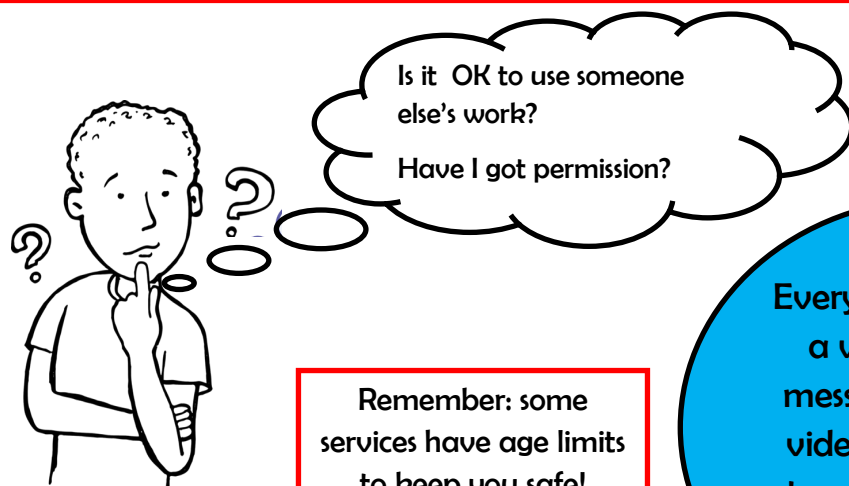
To:	From:	Packet no.	of	Total no. of packets.										
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Data Packets

When computers send and receive data, the data is sent in packets. Packets are used because they break large volumes of data into small chunks, making them easier to send across networks.

Data packets are similar to letters

The message header is similar to the envelope, it has all the information necessary for the packet to reach its destination. The letter within is similar to the payload, it contains the information you want to send.



Remember: some services have age limits to keep you safe!



Every time you access a website, send a message, or watch a video online, data is transferred over the internet.

**Key Vocabulary**

Collaboration	Working with someone to produce something.
Communication	The imparting or exchanging of information by speaking, writing, or using another means
Internet Protocol (IP) address	Networked computers use special addresses called IP addresses. They are structured like this: 192.168.1.200
Protocols	Protocols are like rules. They are an agreed way of doing something.