



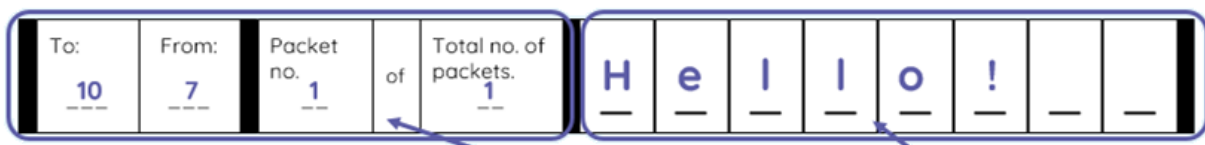
Computing Systems and Networks – Communication

YEAR 6
Term 1

Knowledge Building Blocks:

- To recognise that data is transferred across networks using agreed protocols.
- To recognise that connections between computers allow access to shared stored files.
- To explain that data is transferred in packets.
- To recognise computers connected to the internet allow people in different places to work together.
- To discuss the opportunities that technology offers for communication and collaboration.
- To outline methods of communicating and collaborating using the internet.
- To choose methods of internet communication and collaboration for given purposes.
- To evaluate different methods of online communication and collaboration.
- To explain which types of media can be shared through the internet.
- To decide what you should and should not share online.
- To explain that communicating and collaboration using the internet can be public or private.

Parts of a Packet:



There are two main parts to a packet: the **header** and the **data payload**.

Public and Private:

Public

Something in open view



Private

Involving a particular person or group only



Key Vocabulary:

- data
- transferred
- networks
- protocols
- connections
- shared stored files
- packets
- internet
- technology
- communication
- collaboration
- media
- public
- private
- IP address
- Domain Name Server
- web address
- header
- data payload
- copyright
- permission
- privacy/security