



Objectives and Sticky Knowledge

Previous Knowledge Recap:

1. I know that permission is needed when recording another person.
2. I know that videos of other people must not be shared anywhere without the person’s consent, or consent of an adult.

Land Objectives and Sticky Knowledge:

<p>Understand how networks can be used to retrieve and share information, and ho they come with associated risks.</p>	<p>Shaping online identities and how media impacts on gender and stereotypes.</p>
<p>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</p>	<p>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 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</p>

Sea:

Links with ‘Communication’:

Links with CST and CKA Values Crown:

Year 6 Computing Advent 1 Knowledge Organiser



Key Vocabulary

A **website** address is known as its **domain name**

Each **website** is hosted on a **web server**

Each **web server** has an **IP address**

Computers send **data** across the internet in **packets**.

Public

Something in open view

Private

Involving a particular person or group only

Sky Objectives:

Use variables in programs in order to influence a value.

Collect, present and evaluate data that is easily understandable to a given audience.

Demonstrate the safe and respectful use of a broad range of technologies grounded in the understanding of the importance of privacy, consent and respect.

Data packets are similar to letters

The envelope is like the **header**. It contains the address. The header also contains other key information, including the sender's address.

The letter inside is similar to the **data payload**.



J Smith
256 High Street
Bigton
B16 1ON