

# Year 6 - Computing

Compu-

ting

## Term 1



### Key Vocabulary

#### Wireless connection

A system by which data is transmitted through radio signals instead of wires or cables.

#### Internet

A large network of computers connected to each other all around the world.

#### Server

A piece of hardware that has a large memory drive for file storage. It responds to requests across a computer network.

#### Router

A small computer that keeps the packets in a network moving between devices and the Internet.

#### Topology

Defines the layout of a network and can tell us how different devices are connected. There are different types of topology, such as: star, bus, mesh, ring and hybrid.

### Sticky Knowledge

Data is transferred over the internet.

There are rules protocols that computers follow when communicating with one another.

A Domain Name Server (DNS) is used to translate web addresses into IP addresses.

### Links to Previous Learning

**Year 1** - Understand what algorithms are.

**Year 2** - How algorithms are implemented as programs on digital devices.

**Year 4** - Understand computer networks including the internet; how they can provide multiple

