

<b>Computing</b>	<b>Computing systems and networks – The Internet</b>	<b>Year 4</b>	<b>Autumn 1</b>
------------------	--	---------------	-----------------

## Key Knowledge

To describe how networks physically connect to other networks	<ul style="list-style-type: none"> <li>I can demonstrate how information is shared across the internet</li> <li>I can describe the internet as a network of networks</li> <li>I can discuss why a network needs protecting</li> </ul>
To recognise how networked devices make up the internet	<ul style="list-style-type: none"> <li>I can describe networked devices and how they connect</li> <li>I can explain that the internet is used to provide many services</li> <li>I can recognise that the World Wide Web contains websites and web pages</li> </ul>
To outline how websites can be shared via the World Wide Web (WWW)	<ul style="list-style-type: none"> <li>I can describe how to access websites on the WWW</li> <li>I can describe where websites are stored when uploaded to the WWW</li> <li>I can explain the types of media that can be shared on the WWW</li> </ul>
To describe how content can be added and accessed on the World Wide Web (WWW)	<ul style="list-style-type: none"> <li>I can explain that internet services can be used to create content online</li> <li>I can explain what media can be found on websites</li> <li>I can recognise that I can add content to the WWW</li> </ul>
To recognise how the content of the WWW is created by people – <i>E-Safety</i>	<ul style="list-style-type: none"> <li>I can explain that there are rules to protect content</li> <li>I can explain that websites and their content are created by people</li> <li>I can suggest who owns the content on websites</li> </ul>
To recognise the physical components of a network	<ul style="list-style-type: none"> <li>I can identify how devices in a network are connected together</li> <li>I can identify networked devices around me</li> <li>I can identify the benefits of computer networks</li> </ul>

## Statutory requirements

- understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

## Key vocabulary

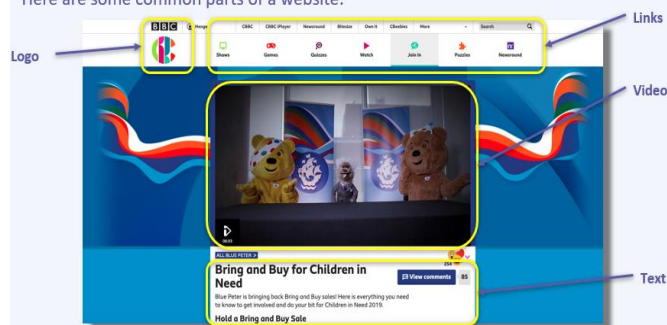
Spelling	Definition
Network	A group of interconnected computing devices
WWW	A service provided via <b>the internet</b> that allows access to <b>web pages</b> and other shared files
URL (Uniform Resource Locator)	A piece of <b>hardware</b> that is controlled by <b>outputs</b> from a <b>computer</b>
Web browser	A <b>program</b> used to view, navigate, and interact with <b>web pages</b>
Web page	A <b>HTML</b> document viewed using a web browser
Website	A collection of interlinked <b>web pages</b> , stored under a single <b>domain</b>

## Possible experiences

- Make a rules poster for using technology at home – sit down as a family and set some boundaries e.g. time limits, supervised websites
- Play on different games at home and have a look at the parent settings together
- Try and access different websites using the internet at home – you could use Google to help you with a research project, for example
- Locate where your home wireless access point is and discuss how it works

## What's on a website?

Here are some common parts of a website:



Logo

Links

Video

Text