

I should already know

- 1 Pupils used presentation software in **Unit 2.4: We are safe researchers.**
- 2 They created content for the Internet in **Unit 4.4: We are bloggers.**
- 3 In **Unit 5.2: We are cryptographers**, pupils learned ways that information can be protected when transmitted.

Questions I will be able to answer by the end of the unit:

- 1 What could I improve next time?
- 2 How do you add content to a webpage?
- 3 How can we make a good password?
- 4 How can I view the HTML for a website?

By the end of the unit, I will be able to:

- 1 appreciate the route taken by **packets of data** across the **Internet**
- 2 name hardware used in connecting computers
- 3 understand the difference between the web and the Internet
- 4 understand that web pages are written and transmitted in **HTML**
- 5 view the HTML for a web page
- 6 create web pages.

Key vocabulary

1	Internet:	global network connecting computers and local networks using automated switches, routers and fibre optic, copper wire and radio connections
2	Creative Commons:	copyright licensing scheme which permits some re-use of content without additional permission, subject to specified conditions
3	Hyperlink:	text or images that, when clicked, opens another page or moves to another part of the document
4	Packets of data:	a small set of numbers that get transmitted together via the Internet, typically enough for 1000 or 1500 characters
5	World Wide Web	the HTML and other documents stored on individual web servers connected via the Internet and accessible via HTTP
6	Web server	computer connected to the Internet that stores web pages, transmitting these to web browsers as HTTP requests are received
7	Internet Protocol (IP) addresses:	numeric addresses uniquely specifying computers directly connected to the Internet

