



TSS Primary Computing MTP 2023-2024 Year 4 Block 1 – The Internet

Week	Key Targets and Learning Objectives	Key Activities	Key Vocabulary
1	4DC.01 Explain the role of servers and clients in a network. <ul style="list-style-type: none"> • To describe how networks physically connect to other networks • I can describe the internet as a network of networks • I can demonstrate how information is shared across the internet • I can discuss why a network needs protecting 	<ul style="list-style-type: none"> • Learners will explore how a network can share messages with another network to form the internet. • They will consider some of the network devices involved in this, such as routers, and then discuss what we should keep in and out of a network to keep safe. 	<ul style="list-style-type: none"> • Internet, • packet, • network, • router, • network switch, • hub, • network security
2	4DC.02 Describe the differences between the World Wide Web and the internet. <ul style="list-style-type: none"> • To recognise how networked devices make up the internet • I can describe the different networked devices and how they connect • I can explain how the internet allows us to view the World Wide Web • I can recognise that the World Wide Web is the part of the internet that contains websites and web pages 	<ul style="list-style-type: none"> • Learners will describe parts of a network and how they connect to each other to form the internet. • They will use this to help explain how the internet lets us view the World Wide Web and recognise that the World Wide Web is part of the internet which contains websites and web pages. 	<ul style="list-style-type: none"> • Network switch, • server, • Wireless access point (WAP, • router
3	4DC.01 Explain the role of servers and clients in a network. <ul style="list-style-type: none"> • To outline how websites can be shared via the World Wide Web • I can explain the types of media that can be shared on the World Wide Web (WWW) • I can describe where websites are stored when uploaded to the WWW • I can describe how to access websites on the WWW 	<ul style="list-style-type: none"> • Learners will explore what can be shared on the World Wide Web and where websites are stored. • They will also explore how the World Wide Web can be accessed on a variety of devices. 	<ul style="list-style-type: none"> • Website, • web page, • web address, • router, • routing, • route tracing, • browser
4	<ul style="list-style-type: none"> • To describe how content can be added and accessed on the World Wide Web • I can create media which can be found on websites • I can recognise that I can add content to the WWW • I can explain that new content can be created online 	<ul style="list-style-type: none"> • Learners will analyse the contents of websites, before designing their own website, offline. • They will consider the content they would like to include on a website of their own, and then decide how they could create that content. • They will then use an existing website to create some of their own content online, using tools introduced in Year 2. 	<ul style="list-style-type: none"> • World Wide Web, • internet, • content, • website, • web page, • links, • files



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5	<ul style="list-style-type: none">• To recognise how the content of the WWW is created by people• I can explain that websites and their content are created by people• I can suggest who owns the content on websites• I can explain that there are rules to protect content	<ul style="list-style-type: none">• Learners will explore who owns the content on websites.• They will explore a variety of websites, investigating what they can and cannot do with the content on them.• They will also relate this to principles of ownership and sharing in the real world.	<ul style="list-style-type: none">• Website,• use,• content,• download,• sharing,• ownership,• permission
6	<ul style="list-style-type: none">• To evaluate the consequences of unreliable content• I can explain that not everything on the World Wide Web is true.• I can explain why some information I find online may not be honest, accurate, or legal.• I can explain why I need to think carefully before I share or reshare content	<ul style="list-style-type: none">• In this lesson, learners will gain an appreciation of the fact that not everything they see on the internet is true, honest, or accurate.• They will review images and decide they may not be real, before conducting a web search which will return ambiguous and sometimes misleading results, looking for why this is the case.• Finally, learners will complete a practical activity, demonstrating how quickly information can spread, beyond your own control.	<ul style="list-style-type: none">• Information,• sharing,• accurate,• honest,• content,• adverts