Year 5 Computing

Spring 2: We Are Web Developers

Session	National. Curriculum Statement	WALT	Learning Outcomes (Success Criteria)	Resources	Vocabulary
Subject Cultural Capital = Using & Applying computing knowledge to solve problems **Differentiation = please see the differentiation for the EXC EM & SEND (Please see SEND pupils IEPs when planning)** **Minimum expectations to check for understanding during lessons = targeted questioning / mini whiteboards/ peer talk /thumb signs** **Long term memory skill development strategy = LAST, LAST, LAST linked to the WALT** **Literacy & Numeracy skills development = ICT vocabulary bank linked to the WALT & include numeracy skills where they are linked to the WALT in the weekly planning**					
On- Line Safety: Pupils learn about how networks, including the Internet, operate. They learn that data transmitted via the Internet is not always encrypted. They consider some of the implications for privacy, e.g. their 'digital footprint' associated with using the Internet. Pupils learn how easy it is to create content for the web. The unit provides an opportunity to address some of the risks of using the web, and how pupils could best keep themselves safe while doing so. Pupils learn how easily web pages can be modified, which provides an opportunity to consider the reliability of web-based content.					
1	Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities	To understand the components of the school's network	Children can make a drawing that represents the internet. Children understand the difference between the internet and the web	Laptops/desktops Google chrome Google Sites	Internet Network switch
2	Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities	To understand how messages are routed across a network	Children simulate how the internet passes information between computers	Laptops/desktops Google chrome Google Sites	Internet IP address Packets of data

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3	Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities	To understand how web pages are written in HTML	Children can work out what parts of a URL mean. Children understand that any page on the web can contain a hyperlink to another web page. Children begin to make changes to web pages.	Laptops/desktops Google chrome Google Sites	URL (uniform resource locator) HTTP (hypertext transfer protocol) Web browser Web server HTML tags
4	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.	To plan a website about online safety	Children can work in groups to create pages for a website. Children can give a title and pages for their site.	Laptops/desktops Google chrome Google Sites	URL HTTP Web browser Web server HTML tags
5	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. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	To create content collaboratively for a website	Children can add text boxes and experiment with the layout of their site. Children write text which is appropriate for their target audience.	Laptops/desktops Google chrome Google Sites	URL HTTP Web browser Web server HTML tags

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6	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.	To add relevant links and media to pages	Children can add links to other pages on their website. Children can add images to their sites	Laptops/desktops Google chrome Google Sites	Creative Commons