

Computing Curriculum 2023/24 – Years 5 & 6

	Autumn 1	Autumn 2
Topic	<p>Core Skills Children will use a word processor to type paragraphs about a theme studied in class. They will use 1 or 2 related images to illustrate their work. (Microsoft Word)</p>	<p>Blogging Children will contribute their views and learning to a class blog across the half term. (Google Sites)</p>
Knowledge	<p>Knowledge</p> <ul style="list-style-type: none"> • Know that a consistent font should be used when word processing • Know not to over use colour when word processing • Know to use simple, easy to read fonts when word processing • Know that you should regularly save work • Know that titles should be centrally justified • Know that the main body of text should be justified to the left <p>Skills</p> <ul style="list-style-type: none"> • Know how to use the shift key to insert ! ? : " () • Know how to make a word bold • Know how to make a word bold <p>Know how to increase typing speed by becoming more familiar with the keyboard, working towards 30 words per minute</p>	<p>Knowledge</p> <ul style="list-style-type: none"> • Know why they should not publish pictures of other people on the internet, or tag them in photos, without their permission • Know that a blog is an informational website consisting of discrete, often informal diary-style text entries (posts) <p>Skills</p> <ul style="list-style-type: none"> • Know how to be a content creator by adding text to a blog • Know how to be a content creator by adding images to a blog • Know how to take my audience and subject of the blog into account when designing and creating digital content • Know how to use web-based research skills to source tools, content and other resources • Know how to safely and appropriately communicate with others within school
Vocab	word processing, shift, bold, italic, refine, justified	communicate, internet, publish, permission, upload, internet, website, audio, blog, blogging, blogger



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	Spring 1	Spring 2
Topic	No Focus	Digital Music Children will record themselves performing a rap that they have composed. They are then to layer sound effects on the voice recording to create a piece of music. (Garageband)
Knowledge		Knowledge <ul style="list-style-type: none"> • Know that sound files can be manipulated for different purposes • Know that music can be created digitally without instruments Skills <ul style="list-style-type: none"> • Know how to change the tempo of rhythms and recordings • Know how to fade the start and end of sound files • Know how to use volume to balance individual sound files so they can all be heard when layered • Know how to loop a sound file • Know how to use the metronome • Know how to crop the start and end of sound files • Know how to layer sound files to create a piece of music
Vocab		tempo, fade, volume, loop, metronome, crop, layer, rhythm, sound file



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	Summer 1	Summer 2
Topic	<p>Publishing Children will develop their publishing skills whilst creating a poster to advertise Newlands Adventure Centre.</p>	<p>Web Design Children will create content for and be involved in the design of a class webpage. (Google Sites)</p>
Knowledge	<p>Knowledge</p> <ul style="list-style-type: none"> • Know that Microsoft Publisher is an effective software for producing posters • Know that the layout of a poster is important • Know that the colours and fonts used in a poster is important • Know that an effective balance between text and images is needed when creating a poster <p>Skills</p> <ul style="list-style-type: none"> • Know how to switch a design between portrait and landscape • Know how to Insert a new text box • Know how to position and resize a text box • Know how to choose appropriate fonts • Know how to choose appropriate colours and backgrounds • Know how to search for relevant images and information on the Internet • Know how to place an image from the Internet into Publisher using snipping tool • Know how to wrap text appropriately • Know how to use an appropriate layout 	<p>Knowledge</p> <ul style="list-style-type: none"> • Know that anybody can view the contents of a website • Know that I should only share true information on a website <p>Skills</p> <ul style="list-style-type: none"> • Know how to create and add text to a website • Know how to select appropriate images for a website • Know how to add images to a website • Know how to add new pages to a website • Know how to create an appropriate layout for a website • Know how to embed video content on a website • Know how to use content blocks on a website
Vocab	internet, publish, permission, manipulate, editing, software, website, web-based research, layout, wrap, resize, portrait, landscape	website, url, create, appropriate, content block, embed, layout, reliable



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Vocab	word processing, shift, bold, italic, refine, justified	



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	Spring 1	Spring 2
Topic	<p>Digital Literacy</p> <p>Children will create presentations of their learning in other subjects using a range of applications and media. They will select, use and combine a variety of software to create content. This will include collecting, evaluating and presenting information. During this project children will continue to consider how they can use technology safely, respectfully and responsibly. (Pic Collage, Camera, Explain Everything, Keynote, iMovie, other)</p>	<p>Digital Video</p> <p>Children will create a video about life at Holy Trinity using a collection of videos made into chapters. They will consider content, composition and audience in their project to ensure their completed video is effective and professional. Finally they will publish their video online to share with others. (iMovie)</p>
Knowledge	<p>Skills</p> <ul style="list-style-type: none"> • Know how to create content in a variety of apps • Know how to create content in an app to be used in another app • Know how to edit content to refine it for an audience • Know how to effectively select an app for a specific purpose • Know how to structure a presentation in a logical way • Know how to create a presentation with a consistent look and feel • Know how to share a presentation with other digital users • Know how to combine images, video, voice and text within apps 	<p>Knowledge</p> <ul style="list-style-type: none"> • Know to consider audio when shooting a video clip • Know to consider composition when shooting a video <p>Skills</p> <ul style="list-style-type: none"> • Know how to plan digital content without a device • Know how to crop digital video • Know how to fade digital video • Know how to order digital video clips • Know how to add titles to digital video • Know how to evaluate and refine digital video • Know how to publish digital video online
Vocab	structure, refine, logical, consistent, Bluetooth, Airdrop, digital user, combine, professional	editing, production, panning, close up, capture, audio, composition, crop, filter, detach audio, duplicate, fade



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	Summer 1	Summer 2
Topic	<p>Presenting Information</p> <p>Children will create presentations using a web based software other than Microsoft Powerpoint to engage and inform their audience. These presentations will be made publicly available on the Internet and shared with our families. (Prezi)</p>	<p>Web Design</p> <p>Children will be introduced to creating websites for a chosen purpose. They identify what makes a good web page and use this information to design and evaluate their own website using Google Sites. Throughout the process, children pay specific attention to copyright and fair use of media, the aesthetics of the site, and navigation paths. (Google Sites)</p>
Knowledge	<p>Knowledge</p> <ul style="list-style-type: none"> Know to consider Internet Safety when preparing content <p>Skills</p> <ul style="list-style-type: none"> Know how to choose an appropriate template Know how to insert text Know how to insert images Know how to insert video Know how to edit layout of the presentation Know how to insert and edit animations Know how to publish complete presentation 	<p>Knowledge</p> <ul style="list-style-type: none"> Know the different types of media used on websites. Know different purposes of websites. Know what a navigation path is. <p>Skills</p> <ul style="list-style-type: none"> Know how to plan the features of a webpage by recognising the common features and drawing a suitable layout. Know how to consider the ownership and use of images (copyright). Know how to add content to my own web pages. Know how to evaluate what my web page looks like on different devices and suggest/make edits. Know how to make multiple web pages and link them using hyperlinks. Know how to evaluate the user experience of a website.
Vocab	Prezi, template, presentation, refine, animation, publish, audience, appropriate	website, copyright, web page, navigation paths, hyperlinks

