



Computing Curriculum Yearly Overview (DARES Projects)



EYFS	See EYFS Computing progression document						
Year 1	Programming: <i>Robot Maze Game</i>	Programming: <i>Animations</i>	Video Creation: <i>Creating our own videos</i>	Sound: <i>Podcasting</i>	Animation: <i>Bringing a character to life</i>	Data Handling: <i>Digital Pictograms</i>	Animation: <i>Creating a cartoon</i>
Year 2	Programming: <i>My robot helper</i>	Programming: <i>Knock knock joke</i>	Video Creation: <i>Masking storytime</i>	Photography: <i>Simple photoshopping</i>	Animation: <i>Stop Motion Animation</i>	Data Handling: <i>Digital Venn Diagrams</i>	Presentations: <i>Interactive images</i>
Year 3	Programming: <i>Animations in scratch</i>	Physical Computing: <i>Crumble powered historical scenes</i>	Video Creation: <i>Voiceover Film</i>	AR & VR: <i>Creating 360 images</i>	Presentations: <i>Interactive comics</i>	Data Handling: <i>Interactive story graphs</i>	Computer Networks: <i>Exploring Networks</i>
Year 4	Programming: <i>Makey makey games controller</i>	Physical Computing: <i>Crumble powered orchestra</i>	Video Creation: <i>Visual storytelling</i>	Sound: <i>Movie soundtrack</i>	Presentations: <i>Digital Posters</i>	Data Handling: <i>Online questionnaire</i>	Computer Networks: <i>Understanding the internet</i>
Year 5	Programming: <i>Quizzes in scratch</i>	Programming: <i>Scratch platform game</i>	Video Creation: <i>Greenscreen news report</i>	Sound: <i>Four chord remix</i>	Animation: <i>Character Interviews</i>	AR & VR: <i>Interactive displays</i>	Computer Networks: <i>Search Engines</i>
Year 6	Programming: <i>3D letters beetle blocks</i>	Programming: <i>Scratch game</i>	Video Creation: <i>Greenscreen special effects</i>	Presentation: <i>App Prototype</i>	Animation: <i>3D animated cartoon</i>	AR & VR: <i>Interactive VR experience</i>	Computer Networks: <i>HTML</i>

Objectives to be taught within other subjects:

Year 1

Presentations, web design and eBook creation:

- I can add voice labels to an image
- I can add a voice recording to a storyboard
- I can add speech bubbles to an image to show what a character thinks
- I can import images to a project from the web and camera roll

Word Processing/Typing:

- I can confidently type words quickly and correctly on a digital device
- I can use the space bar to make space and delete to delete letters/words
- I can make a new line using enter/return
- I can dictate into a digital device more accurately and with punctuation

Year 2

Word Processing/Typing:

- I can use the space bar only once between words and use touch to navigate to words letter to edit
- I can copy and paste images and text
- Use caps locks for capital letters
- I can add images alongside text in a word processed document
- I can dictate longer passages into a digital device with accurate punctuation

Sound:

- Create a musical composition using software
- I can record my own sound effects
- I can record my voice over compositions to perform a song

Year 3

Word Processing/Typing:

- I can use index fingers on keyboard home keys (f/j), use left fingers for a/ s/d/f/g, and use right fingers for h/j/k/l
- I can edit the style and effect of my text and images to make my document more engaging and eye-catching. For example, borders and shadows
- I can use cut, copy and paste to quickly duplicate and organise text

Photography and Digital Art:

- I can confidently take and manipulate photos
- I can create a digital image using a range of tools, pens, brushes and effects
- I can create transparent images with Instant Alpha

Sound:

- I can create and edit purposeful compositions using music software to create mood or a certain style
- I can experiment with live loops to create a song

Year 4

Word Processing/Typing:

- I can combine digital images from different sources, objects, and text to make a final piece of a variety of tasks: posters, documents, eBooks, scripts, leaflets.
- Confidently and regularly use text shortcuts such as cut, copy and paste and delete to organise text
- Use font sizes appropriately for audience and purpose. \Use spell check and thesaurus including through Siri and other AI technology

Sound:

- Edit sound effects for a purpose
- Create a simple four chord song following the correct rhythm
- I can record a radio broadcast or audiobook

Photography and Digital Art:

- I can enhance digital images and photographs using crop, brightness, contrast & resize
- I can manipulate shapes to create digital art
- I can draw a series of images and export as an animated GIF

Year 5

Word Processing/Typing:

- I can start to apply other useful effects to my documents such as hyperlinks
- I can import sounds to accompany and enhance the text in my document
- I can organise and reorganise text on screen to suit a purpose

Data Handling:

- I can create and publish my own online questionnaire and analyse the results
- I can use simple formulae to solve calculations including =sum and other statistical functions
- I can edit and format difference cells in a spreadsheet

Presentations, web design and eBook creation:

- I can collaborate with peers using online tools, e.g. blogs, Google Drive, Office 365
- I can create and export an interactive presentation including a variety of media, animations, transitions and other effects
- I can create a webpage and embed video

Year 6

Word Processing/Typing:

- I can confidently choose the best application to demonstrate my learning
- I can format text to suit a purpose
- I can publish my documents online regularly and discuss the audience and purpose of my content

Photography and Digital Art:

- I can edit a picture to remove items, add backgrounds, merge 2 photos
- I can evaluate and discuss images explaining effects and filters that have been used to enhance the media.
- I can use a drawing app to create a digital artwork

Sound:

- I can add voice over and edit sound clips (volume, pitch, fade, effect) to use in a film or radio broadcast (podcast)
- I can compose a soundtrack that can be added to a film project