

Word Processing / Typing	National Curriculum Objective: Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.	Play on a touch screen game and use computers/keyboards/mouse in role play Type letters with increasing confidence using a keyboard and tablet. Dictate short, clear sentences into a digital device.	Word, Pages
Data Handling		Identify a chart. Sort physical objects, take a picture and discuss what I have done Present simple data on a digital device.	Camera/ tablet camera
Presentations, Web-design and E-Book creation		Record my voice over a picture Create a simple digital collage Move and resize images with my fingers or mouse	Pic Collage Camera / tablet camera Voice note
Animation		Animate a simple image to speak in role Create a simple animation to tell a story including more than one character.	Puppetpals, Chatterpix kids
Video Creation		Know the difference between a photography and video Record a short film using the camera Record and play a film Watch films back	Camera App, Shadow puppets
Photography and Digital Art		Take a photograph Take a photograph and use it in an app Use a painting app and explore the paint and brush tools	Camera Mark up Photo booth Draw & Tell
Sound		Record sounds with different resources Find ways to change their voice(tube, tin can, shouting to create an echo) Record sounds/voices in story telling and explanations	Keezy Voice Memos

Year 1: Information Technology



Word Processing / Typing	National Curriculum Objective: Use technology purposefully to create, organise, store, manipulate and retrieve digital content	Confidently type words correctly on a digital device. Use the space bar to make space and delete to delete letters/words Make a new line using enter/return Dictate into a digital device more accurately and with punctuation.	Word, Pages Google Docs Pic Collage, Book Creator,
Data Handling		Sort images or text into two or more categories on a digital device. Collect data on a topic. Create a tally chart and pictogram. Record themselves explaining what they have done	Pic Collage
Presentations, Web-design and E-Book creation		Add labels to an image Order images to create a simple storyboard. Sequence a series of pictures to explain understanding of a topic.	Pic Collage
Animation		Add filters and stickers to enhance an animation of a character. Create an animation to tell a story with more than one scene. Add own pictures to story animation	Puppetpals, I Can Animate,
Video Creation		Record a film using the camera app. Select images and record a voiceover.	Doink Greenscreen, iMovie, Shadow Puppets Edu,
Photography and Digital Art		Edit a photo with simple tools Use a paint/drawing app to create a digital image Begin to cut out an image to layer on another image.	Camera Mark up Photobooth Keynote Pic Collage Notes
Sound		Create a sequence of sounds (instruments, apps/software) Explore short and long sounds. Record my voice and add different effects.	Keezy Voice Memos

Year 2: Information Technology



Word Processing / Typing	National Curriculum Objective: Use technology purposefully to create, organise, store, manipulate and retrieve digital content	Use the space bar only once between words Copy and paste images and text Use caps locks for capital letters. Add images alongside text in a word-processed document. Dictate longer passages into a digital device with accurate punctuation.	Word, Pages Google Docs Pic Collage, Keynote, Book Creator, Popplet
Data Handling		Sort digital objects into a range of charts such as Venn diagrams, Carroll diagrams and bar charts using different apps and software. Orally record myself explaining what the data shows me. Create a branching database using questions	Pic Collage, Plickers, Google Sheets, Google Forms, Excel, Numbers,
Presentations, Web-design and E-Book creation		Add voice labels to an image. Add a voice recording to a storyboard. Add speech bubbles to an image to show what a character thinks Import images to a project from the web and camera roll	Pic Collage, Thinglink, Book Creator,
Animation		Create multiple animations of an image and edit these together Create a simple stop motion animation. Explain how an animation/flip book works	Puppetpals, ChatterPix Kids, I Can Animate,
Video Creation		Write and record a script using a teleprompter tool Use tools to add effects to a video Begin to use green screen techniques with support	Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video,
Photography and Digital Art		Edit a photo (crop, filters, mark up etc) Select and use tools to create digital imagery - controlling the pen and using the fill tool Cut images with accuracy to layer on other images.	Camera Mark up, Photobooth, Keynote, Pic Collage, Notes
Sound		Create a musical composition using software Record my own sound effects. Record my voice over a compositions to perform a song.	Voice Memos, Garageband, Keezy,

Year 3: Information Technology



Word Processing / Typing	National Curriculum Objective: 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 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 Edit the style and effect of my text and images to make my document more engaging and eye-catching. For example, borders and shadows. Use cut, copy and paste to quickly duplicate and organise text.	Word, Pages Google Doc, Keynote Book Creator, Popplet
Data Handling		Create my own sorting diagram and complete a data handling activity with it using images and text. Start to input simple data into a spreadsheet. Create a feelings chart exploring a story or character's feelings.	Google Sheets, Google Forms, Excel, Numbers,
Presentations, Web-design and E-Book creation		Create an interactive comic with sounds, formatted text and video Annotate an image with videos Create a simple web page. Create a simple digital timeline/mindmap	Balloon Stickies +, Google Sites, Book Creator, Keynote, Adobe Spark Page, Thinglink,
Animation		Create animations of faces to speak in role with more life-like realistic outcomes. Use animation tools in presenting software to create simple animations.	Puppetpals, I Can Animate, iFunFace, Puppetmaster, Toontastic
Video Creation		Sequence clips of mixed media in a timeline and record a voiceover Trim and cut film clips and add titles and transitions Independently create a green screen clip. Create my own movie trailer.	Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video, Videorama, Apple Clips, Explain Everything
Photography and Digital Art		Confidently take and manipulate photos Create a digital image using a range of tools, pens, brushes and effects Create transparent images with Instant Alpha	Camera and Mark up, Notes, Keynote Pic Collage , Sketches Pro Pape
Sound		Create and edit purposeful compositions using music software to create mood or a certain style Experiment with live loops to create a song.	Voice Memos, Garageband, Keezy,

Year 4: Information Technology



Word Processing / Typing	National Curriculum Objective: 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.	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 like :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	Word, Pages Google Docs, Keynote, Book Creator, Popplet
Data Handling		Create an online multiple choice questionnaire. Input data into a spreadsheet and export the data in a variety of ways: charts, bar charts, pie charts. Understand how data is collected.	Google Sheets, Google Forms, Excel, Numbers, Kahoot
Presentations, Web-design and E-Book creation		Create an interactive quiz eBook introducing hyperlinks. Create an eBook with text, images and sound. Create a presentation demonstrating a range of media. Create a digital timeline/mindmap and include different media - sound and video.	Google Sites, Book Creator, Keynote, Powerpoint, Adobe Spark Page, Thinglink,
Animation		Take multiple animations of a character that they have created and edit them together for a longer video. Use software to create a 3D animated story. Use line draw tool to create animations.	Puppetpals, ChatterPix Kids, Animate Anything, I Can Animate, iFunFace, Puppetmaster, Toontastic,
Video Creation		Add music and sound effects to a film Add animated titles and transitions Add simple subtitles to a video clip. Use green screen, adding animated backgrounds.	Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video, Videorama, Apple Clips, Explain Everything
Photography and Digital Art		Enhance digital images and photographs using crop, brightness, contrast & resize Manipulate shapes to create digital art. Draw a series of images and export as an animated GIF	Camera and Mark up, Notes, Keynote Pic Collage , Sketches Pro Pape
Sound		Edit sound effects for a purpose. Create a simple four chord song following the correct rhythm. Record a radio broadcast or audiobook.	Voice Memos, Garageband, Keezy,

Year 5: Information Technology



Word Processing / Typing	National Curriculum Objective: 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.	Start to apply other useful effects to documents such as hyperlinks. Import sounds to accompany and enhance the text I can Organise and reorganise text on screen to suit a purpose	Word, Pages Google Docs, Keynote, Book Creator, Popplet
Data Handling		Create and publish an online questionnaire and analyse the results. Use simple formulae to solve calculations including =sum and other statistical functions Edit and format difference cells in a spreadsheet	Google Sheets, Google Forms, Excel, Numbers, Mentimeter
Presentations, Web-design and E-Book creation		Collaborate with peers using online tools, e.g. blogs, Google Drive Create and export an interactive presentation including a variety of media, animations, transitions and other effects. Create an interactive guide to a image by embedding digital content and publishing it online. Create a webpage and embed video.	Google Sites, Book Creator, Keynote, Powerpoint, Adobe Spark Page, Thinglink,
Animation		Record animations of different characters and edit them together to create an interview. Add green screen effects to a stop motion animation. Create flip book animation using digital drawings and export as a Gif or video	Puppetpals, ChatterPix Kids, Animate Anything, I Can Animate, iFunFace, Puppetmaster, Toontastic
Video Creation		Use cutaway and split screen tools in iMovie. Evaluate the best video tools Further improve green screen clips using crop and resize and Explore more creative ways to use the tool - wearing green clothes and the masking tool.	Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video, Videorama, Apple Clips, Explain Everything
Photography and Digital Art		Make a digital photo using camera settings Enhance digital photos and images using crop, brightness and resize tools Link and explain how to photoshop images and how this is used in the media	Camera and Mark up, Notes, Keynote Pic Collage , Sketches Pro Pape
Sound		Add voice over and edit sound clips (volume, pitch, fade, effect) to create a podcast. Create a remix of a popular song.	Voice Memos, Garageband, Keezy,

Year 6: Information Technology



Word Processing / Typing	National Curriculum Objective: 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.	Confidently choose the best application to demonstrate learning Format text to suit a purpose. Publish documents online regularly and discuss the audience and purpose of content.	Word, Pages Google Docs, Keynote, Book Creator, Popplet
Data Handling		Write spreadsheet formula to solve more challenging maths problems. Create and publish an online quiz with a range of media (images and video)	Google Sheets, Google Forms, Excel, Numbers, Mentimeter
Presentations, Web-design and E-Book creation		Create a website which includes a variety of media. Design an App prototype that links multimedia pages together with hyperlinks. Choose applications to communicate to a specific audience. Evaluate own content and consider ways to improvements.	Google Sites, Book Creator, Keynote, Powerpoint, Adobe Spark Page, Thinglink,
Animation		Mix animations and videos recordings to create video interviews. Plan, script and create a 3D animation to explain a concept or tell a story Choose and create different types of animations to best explain my learning.	Puppetpals, ChatterPix Kids, Animate Anything, I Can Animate, iFunFace, Puppetmaster, Toontastic
Video Creation		Use the green screen masking tool with more than one character. Use picture in picture tools in iMovie. Add animated subtitles to a film to further enhance creation. Create videos using a range of media - green screen, animations, film and image.	Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video, Videorama, Apple Clips, Explain Everything
Photography and Digital Art		Edit a picture to remove items, add backgrounds, merge 2 photos Evaluate and discuss images explaining effects and filters that have been used to enhance the media. Use a 3D drawing app to create a realistic representation of world objects	Camera and Mark up, Notes, Keynote Pic Collage , Sketches Pro Pape
Sound		Add voice over and edit sound clips (volume, pitch, fade, effect) to use in a film or radio broadcast (podcast) Compose a soundtrack that can be added to a film project .	Voice Memos, Garageband, Keezy,