



Curriculum Progression Map

St Mary and St Joseph's RC Primary School

Year 2 Computing



Computing Knowledge & Skills

<p>Ongoing skills</p> <p>Photography & Digital Art <u>Paint, Camera, mark up, Photobooth, Seesaw, Keynote, Pic Collage, Notes</u></p> <p>Skills To create computer art Use a range of tools to reproduce a style of art Make and edit shapes to create a piece of art Change the shade of a colour for effect Can edit a photo Cut images with accuracy to layer on other images</p>	<p>Word Processing <u>Word, Seesaw, pages, Google Docs, Pic Collage, Keynote, Book Creator, Popplet</u></p> <p>Skills Can use the space bar Can copy & paste images and text Can use caps lock for capital letters Can add images alongside text in a word processed document Can dictate longer passages into a digital device with accurate punctuation</p>	<p>Presentation Skills <u>Powerpoint</u></p> <p>Skills Insert slides Add & type in a text box Add images Format text and textboxes Create folders Print files</p>	<p>Spreadsheets <u>Calculate</u></p> <p>Skills Can use copying & Pasting to help make spreadsheets Use tools in a spreadsheet to automatically total rows and columns Use images in a spreadsheet Create a table of data on a spreadsheet Can use the data to create a block graph</p>	<p>Data Handling <u>Count, 2Investigate, Avatar Game, 2Question</u></p> <p>To know that info on a pictogram cannot answer complicated questions Can use yes/no questions to separate items Know what a binary tree is Can design a binary tree Understand what a database is</p>
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Computing Knowledge & Skills

ICT	Digital Literacy	Computer Science
<p>Skills <u>Presentations, Web Design, and eBook creation</u> <u>Seesaw, Pic Collage, Balloon Stickies +, Thinglink, Book Creator</u> Can add voice labels to an image Can add a voice recording to a storyboard Can add speech bubbles to an image to show what a character thinks Can import images to a project from the web and camera roll</p> <p>Animation <u>Puppetpals, ChatterPix Kids, I Can Animate, Seesaw</u> Can create multiple animations of an image and edit these together Can create simple stop motion animation Can explain how an animation/flip book works</p> <p>Video Creation <u>Doink Greenscreen, iMovie, Shadow Puppets Edu, Adobe Spark Video</u> Can write and record a script using a teleprompter tool Can use tools to add effects to a video Can begin to use green screen techniques with support</p> <p>Augmented Reality & Virtual Reality</p>	<p>Skills Know what a 'digital footprint' means Know that people can use the information they put online and how to keep their personal information private. Identify keywords that will give good search results Use a website to search for information Identify possible dangers online Know when to ask an adult for advice about accessing a website Know what to do if a website makes them uncomfortable Say what they like and dislike about a website Identify unkind online behavior Know how to safely search for information online</p> <p>Respond Know that email is a form of digital communication Open and send an email to a Respond character</p>	<p>Skills <u>Preparing for Turtle Logo & Turtle Logo</u> To understand what an algorithm is and that programs execute by following precise instructions To create a computer program using simple algorithms. Be able to use the Repeat command To debug simple programs Understand that prediction, trial and error are important when creating programs Understand what logical reasoning is and how it can be used to predict what happens in simple programs</p>

AR Makr. Thinglink. Keynote. Google Expeditions. Figment AR

Can draw own 360 image and explore it in VR
Can bring objects into surroundings using Augmented Reality
Create own QR codes

Sound

2Sequence

Can create different sound to create a tune
Can speed up and slow down tunes
Can add sounds to a tune they've already created to change it.
Know how music can be used to express feelings and create tunes to depict feelings
Can use a soundbank
Create and upload and use their own recorded sound

Vocabulary

Action, App, Content, Image, Keyboard, Network, Program, Save, Store, Text, Image, Digital Footprint, Repeat