



St Mary and St Joseph's RC Primary School Year 1 Computing



Computing Knowledge & Skills

<p style="text-align: center;">Photography and Digital Art <u>Paint, Camera, Mark up, Photobooth,</u> <u>Seesaw, Keynote</u></p> <p><u>Skills</u> Paint with different colours Paint with different brushes Create shapes Can edit a photo with simple tools Can begin to cut out an image to layer on another image</p>	<p style="text-align: center;">Word Processing <u>Seesaw/word/pages/google docs/Pic collage/book creator</u></p> <p><u>Skills</u> Type with two hands Use shift, space & enter correctly Use undo and redo Make text bold, italic or underline Format the font Edit using backspace and delete</p>	<p style="text-align: center;">Spreadsheets <u>2Calculate</u></p> <p><u>Skills</u> Can navigate around a spreadsheet Can explain what rows and columns are Can save and open sheets Can enter data into cells Can use the 'move cell' and 'lock' tool Can use the 'speak' and 'count' tools</p>	<p style="text-align: center;">Data Handling <u>Seesaw/Pic Collage</u></p> <p><u>Skills</u> Can sort images or text into 2 or more categories on a digital device Can collect data on a topic Can create a tally chart and pictogram Can record themselves explaining what they have done and what it shows them</p>
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Computing Knowledge & Skills

ICT	Digital Literacy	Computer Science
<p><u>Skills</u> Understand what is meant by technology (1.9) Considered types of technology used in and out of school (1.9) Click & drag with a mouse or trackpad Switch on and shutdown a computer independently Launch an application by double clicking it</p> <p><u>Presentations, web design and eBook Creation</u> <u>Seesaw/PicCollage</u> Add labels to an image Order images to create a simple storyboard Create a simple spider diagram Can sequence a series of pictures to explain understanding</p> <p><u>Animation</u> <u>Puppetpals, Chatterpix Kids, I can animate, seesaw</u> Can add filters and stickers to enhance an animation of a character Can create an animation to tell a story with more than one scene Can add own pictures to their story animation</p> <p><u>Video Creation</u> <u>Doink Greenscreen, iMovie, Shadow Puppets Edu</u> Can record a film using the camera app Can select images and record a voiceover</p>	<p><u>Skills</u> Type their name on a piece of work they have created so that others know it belongs to them Can explain why work they create using technology belongs to them and why it belongs to them. Recall the SMART rules for Online Safety Know who to tell if someone online asks for personal information or concerns about content they have seen on the internet Understand why email is a good way to communicate Know what it means to use technology safely Know how to minimize screen, turn off monitor, or use back buttons if anything inappropriate appears on the screen Can explain why it is important to be considerate and kind to people online Know that information can stay online and could be copied Can describe what information should NOT be put online without asking a trusted adult first Can use the internet to find things out</p>	<p><u>Skills</u> Follow a sequence of steps to solve a problem and create instructions that others can follow to navigate other children and programmable toys around a course, including straight and turning movements. Know that an algorithm is a set of instructions Know why it is important to be precise when writing an algorithm Check their work for mistakes to debug a program</p> <p><u>2Code</u> Understand what coding is Create a simple program Add and change backgrounds and characters Program a character to move given a variety of input events Use Collision Detection to make objects interact To use sound properly to play when objects collide</p>

Can highlight and zoom into images whilst recording

Augmented Reality & Virtual Reality

AR Makr, Google expeditions, Figment AR

Can explore an interactive 360 image

Can scan a trigger image to begin an AR experience

Can pretend to interact with AR objects

Sound

Seesaw, Voice Memos, Keezy

Can create a sequence of sounds

Can explore short and long sounds

Can record voice and add different effects

Can use simple keywords in search engines

Can explain how passwords can be used to protect information and devices

Can recognize more detailed examples of information that is personal to themselves

Vocabulary:

Computer, device, digital, internet, iPad, online, Phones, screen, search, tablets

See NC list for words in teirs