

<p>Year 2 Scratch Jr</p>	<p>E-Safety Think You Know</p> <p>Use technology respectfully.</p> <p>https://www.thinkuknow.co.uk/</p> <p>https://www.saferinternet.org.uk/pupil-powered-e-safety</p> <p>Objectives Use technology safely and respectfully, keeping personal information private</p>	<p><u>Log on independently - non-negotiable/every child</u></p> <p>Recognise and talk about common uses of information technology beyond school</p> <p>Introduction to Animation</p> <p>Add a background and objects to a frame. Copy/clone a frame and move objects to create an animation. Create an animation with multiple objects moving simultaneously.</p>	<p>Data handling</p> <ul style="list-style-type: none"> - Label a pictogram and add data to each column. - Edit a table with correct titles and numbers to create a bar chart and pie chart. - Explain what a pictogram and bar chart shows. (1-2 lessons) <p>https://www.j2e.com/jit5</p> <p>Touch Typing - BBC Dance Mat Type and edit text for purpose with accuracy</p> <p>https://www.bbc.com/bitesize/articles/z3c6tfr</p>	<p>Use technology purposefully to create digital content and retrieve digital content</p> <p>Comic Creation Add, resize and organise colour or picture backgrounds Add, resize, organise characters/objects to different panels. Add narration using text and direct speech using speech bubbles.</p> <p>https://www.makebeliefscmix.com/Comix/</p>	<p>Computer Science</p> <p>Programming Lessons 5 - 8</p> <p>Use technology purposefully to create digital content comparing the benefits of different programs</p> <p>https://www.google.com/ogios/2017/logo17/logo17.html?hl=en_GB</p>	<p>Computer Science Programming Scratch Jr</p> <p>Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions. Write and debug simple programs and use logical reasoning to predict simple programs.</p> <p>Scratch Jr App</p>	<p>Computer Science</p> <p>Control Physical Devices</p> <p>Programme physical inputs, outputs, loops and variables</p> <p>Sphero</p>
<p>Year 3 Scratch Jr/Scratch</p>	<p>E-Safety Think You Know</p> <p>Understand what personal information is and that it should not be posted on the internet.</p> <p>Understand the need for rules to stay safe online</p> <p>https://www.thinkuknow.co.uk/</p> <p>https://beinternetlegends.withgoogle.com/en_uk</p>	<p><u>Log on independently - non negotiable/every child</u></p> <p>Document Creation</p> <p>Pupils can learn to create and edit a document. Including;</p> <ul style="list-style-type: none"> - Copy and paste. - Find and replace words in different ways. - Change appearance of text. <p>Word Processing Type to achieve a specific goal, including accurate punctuation.</p>	<p>Comic Creation</p> <p>Comic creation covers a wide range of objectives including: Add, resize and organise colour or picture backgrounds Add, resize, organise characters/objects to different panels. Add narration using text and direct speech using speech bubbles.</p> <p>Touch Typing - BBC Dance Mat</p> <p>https://www.makebeliefscmix.com/Comix/</p> <p>https://www.bbc.com/bitesize/articles/z3c6tfr</p>	<p>Ebook Creation</p> <p>With support select and use a variety of software to accomplish goals</p> <p>Skills covered/Objectives/Outcomes</p> <ul style="list-style-type: none"> - Add page colour and style - Add, position and format text on different pages - Add and position images from camera/web - Add audio, including hiding it behind an object. - Add hyperlinks to text and images 	<p>Recognise familiar forms of input and output devices and how they are used. Make efficient use of familiar forms of input and output devices.</p> <p>Scratch Junior Programming Lesson 1 - 3</p>	<p>Programming in Scratch</p> <p>https://www.ilearn2.co.uk/previewscratchunit.html</p> <p>Objectives/outcomes</p> <ol style="list-style-type: none"> 1. Write a simple program with text outputs and movement 2. Write a program with repetition (loops) 3. Write programs using different inputs 4. Program musical outputs 5. Add conditions (if statements) to a program 6. Debug Programs (separate tasks) 7. Program conditions with 	<p>Digital Music Activities 1 and 2</p> <p>Pupils can learn to create music using free online tools. Skills taught are:</p> <ul style="list-style-type: none"> - Scales, chords, pitch, arpeggios, melody, tempo and rhythm. - Mixing samples of music. - Creating music with code using variables. - Multi-tracking. - Mini- GarageBand for iPad project with video tutorials. <p>https://musiclab.chromeexperiments.com/Song-Maker/</p> <p>https://www.incredibox.com/demo/v4</p> <p>https://www.beepbox.co/#7</p>

	<p>Explain the concept of a digital footprint and the problems it can create.</p> <p>https://www.thinkuknow.co.uk/</p> <p>https://beinternetlegends.withgoogle.com/en_uk</p>	<p>https://www.bbc.com/bitsize/articles/z3c6tfr</p>	<p>annotations</p> <p>https://pixlr.com/x/</p> <p>https://www.google.com/maps</p>	<p>Google sites</p>	<p>Google sites</p>	<p>how to:</p> <ul style="list-style-type: none"> - Use variables - Program movements using Python Turtle - Print text - Use Python as a calculator - Program loops to repeat text - Program interactive inputs <p>https://repl.it/languages/python_turtle</p> <p>https://repl.it/languages/python3</p>	<p>to:</p> <ul style="list-style-type: none"> - Use variables - Program movements using Python Turtle - Print text - Use Python as a calculator - Program loops to repeat text - Program interactive inputs <p>https://repl.it/languages/python_turtle</p> <p>https://repl.it/languages/python3</p>
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