

Year 3 – Long Term Planning Ideas

| Online Safety and Digital Literacy also see <a href="#">Education for a Connected World</a>   | Information Technology  | Computer Science   |
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| <ul style="list-style-type: none"> <li>Know that some people on the internet should not be trusted. See <i>Smart Crew resources</i>.</li> <li>Know that concerns about what they see on-line should be reported to a trusted adult. See <i>Smart Crew resources</i>.</li> <li>Use a simple password.</li> </ul> <p><b>Smart Crew Videos and lesson resources.</b> Covering a range of areas)<br/>Video :- <a href="http://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew">http://www.childnet.com/resources/the-adventures-of-kara-winston-and-the-smart-crew</a></p> <ul style="list-style-type: none"> <li>Use a Search engine to find information given key words</li> <li>Know which websites are useful and begin to understand that all might not be trustworthy. <i>Smart Crew and Is seeing believing?</i> Common Sense Media Unit<br/><a href="https://www.commonsense.org/education/digital-citizenship/lesson/is-seeing-believing">https://www.commonsense.org/education/digital-citizenship/lesson/is-seeing-believing</a></li> <li>Be able to log in and out of websites used at school e.g. <i>Lexia Time Tables rockstars etc.</i><br/><b>Password Power Up</b> Common Sense Media<br/><a href="https://www.commonsense.org/education/digital-citizenship/lesson/password-power-up">https://www.commonsense.org/education/digital-citizenship/lesson/password-power-up</a><br/>Online Password Checker <a href="#">How secure is my password?</a></li> <li>Know that using technology can sometimes be inappropriate.<br/><b>Device-Free Moments</b> Common Sense Media<br/><a href="https://www.commonsense.org/education/digital-citizenship/lesson/device-free-moments">https://www.commonsense.org/education/digital-citizenship/lesson/device-free-moments</a></li> </ul> <p><b>Other (Fits in with PSHCE themes)</b></p> <p><b>This is Me</b> Common Sense Media_ <i>My online presence</i><br/><a href="https://www.commonsense.org/education/digital-citizenship/lesson/this-is-me">https://www.commonsense.org/education/digital-citizenship/lesson/this-is-me</a></p> <p><b>The Power of Words</b> Common Sense Media <i>Bullying Online</i><br/><a href="https://www.commonsense.org/education/digital-citizenship/lesson/the-power-of-words">https://www.commonsense.org/education/digital-citizenship/lesson/the-power-of-words</a></p> | <ul style="list-style-type: none"> <li>Be able to log in to computer system as themselves and can find their documents (personal drive)<br/><i>This would relate to any computer based activity</i></li> <li>Know how to open shared documents and pictures.<br/><i>On a computer using the shared drive. On an iPad being able to use Air Drop or equivalent to share work.</i></li> <li>Know how to use software to create a simple brochure or poster.<br/><b>Publisher</b> or <b>Pages</b> using a variety of content including headlines, text, pictures and graphics.</li> <li>Know how to sequence and add to slides to make a simple presentation<br/><b>Keynote, Powerpoint, iMovie.</b><br/><i>The simple presentation should allow pupil to sequence relatively straight forward ideas</i></li> <li>Be able to create a meaningful document that contains both pictures and text.<br/><i>This could be completed in any appropriate software.</i></li> </ul> | <ul style="list-style-type: none"> <li>Be able to use a block program (Scratch Jun, Scratch, Microbit Blocks)) to make a simple programme using sequencing and timing.<br/><b>Scratch Junior</b> Pathway <a href="http://code-it.co.uk/pathway">http://code-it.co.uk/pathway</a> ,<br/><b>Microbit</b> – Create a program that displays a welcome message on the Microbit. Extend this so the message changes.</li> <li>Inputs sets of instructions according to programming language and environment (Logo, Scratch Jnr, Microbit etc..)<br/><b>SCRATCH – Simple animation or Dressing up game</b><br/><a href="http://code-it.co.uk/scratch/dressingup/dressingupoverview">http://code-it.co.uk/scratch/dressingup/dressingupoverview</a></li> <li>Use a program Logo or Scratch to draw regular 2D shapes<br/><b>Scratch</b> – Drawing shapes <a href="http://code-it.co.uk/goldshape/">http://code-it.co.uk/goldshape/</a> up to basic procedures<br/><b>Lego Fix the Factory</b> – App teaching sequencing<br/><b>Logo</b><br/><b>Hour of Code</b> Frozen, Star Wars activities <a href="https://code.org/learn">https://code.org/learn</a></li> <li>Independently be able to debug basic mistakes. <i>This skill will be gained from repeated programming tasks.</i></li> <li>Begin to use conditionals – If I click here then this happens...Scratch Junior, Scratch, Microbit See <i>Microbit activities and Scratch Junior activities</i>)<br/><b>Scratch Junior</b> My Story <a href="http://code-it.co.uk/mystory">http://code-it.co.uk/mystory</a> <b>Microbit</b> Display different messages when buttons are pressed or when device is shaken or changes temperature. <b>Scratch</b> Magic Carpet <a href="http://code-it.co.uk/carpet">http://code-it.co.uk/carpet</a> or <i>Travel Europe</i></li> </ul> |

Note – this should be customised for each school as exact activities will depend on the prior experiences of the children and the available equipment.