

## Belleville Primary School ICT/Computing Curriculum Matrix 2014-2015

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p><b>Communication</b> <b>Still Text and Images</b> Taking Photos on iPad Labelling using <i>Sketch</i> Book making using <i>Book Creator</i></p>	<p><b>Communication</b> <b>Creating Images</b> Drawing Landscape pictures with <i>SketchBook Pro</i> save in <i>Book Creator</i> <b>London Landmarks</b></p>	<p><b>Communication</b> <b>Still text and Images</b> Book Creator Research using the internet. <b>Roman EBooks</b></p>	<p><b>Communication</b> <b>Presentation</b> <b>MorphoBooth</b> and <b>Keynote</b> Making talking portraits of Henry VIII and his wives.</p>	<p><b>Communication</b> <b>Creating Images</b> 3D Design <b>Google Sketchup</b> plans for greek Buildings and Temples</p>	<p><b>Communication</b> <b>Video</b> Researching images and performing a WW2 poem using <i>iMovie</i> and <b>Garage Band IOS.</b></p>
Autumn 2	<p><b>Communication</b> <b>Video</b> Fred's day out using <i>iMovie</i> with moving text and captions.</p>	<p><b>Communication</b> <b>Still text and Images</b> Halftone comics of the Great Fire of London. Using callouts and text with Images.</p>	<p><b>Programming</b> <b>Software</b> <b>ScratchJr on iPads</b> Simple visual coding to make stories and games. Extend by using <b>Hopscotch</b></p>	<p><b>Communication</b> <b>Animation</b> Using Lego Story maker to animate narratives with an anti bullying message. <b>Comic Life</b> for story Boarding</p>	<p><b>Communication</b> <b>Video</b> <b>Plan, shoot and edit a film with a message. A Promotional Film about Our School.</b> <b>Make Story board voice over and music (Garage Band)</b></p>	<p><b>Programming</b> <b>Software</b> Using <b>Kodu Games Lab</b> to design and program their own computer game.</p>
Spring 1	<p><b>Programming Hardware</b> <b>Beebots</b> programming a simple sequence to complete a range of tasks.  Beebot and My Robot Friend Apps.</p>	<p><b>Programming- ScratchJr</b> Simple Visual coding blocks to make stories and games. Link to Literacy Story? <b>My Robot Friend. CargoBot Lightbot</b></p>	<p><b>Communication-Creating Images</b> <b>Sketchbook Pro-BookCreator</b> Making an <b>illustrated story - book of "Fly Eagle Fly"</b> using still and moving images.</p>	<p><b>Programming-Hardware</b> <b>Lego Mindstorms</b>  Visual programming of Robot control using bump and ultrasonic sensors. <b>Lego Mindstorms</b> on PC</p>	<p><b>Communication</b> <b>Animation</b> Stop-frame animation of a simple "Emotive Narrative" using <b>I Can Animate</b></p>	<p><b>Information-Databases</b> <b>Wild forms</b> <b>Pupil Voice Style survey.</b> Devise, and present findings to different groups use <b>Keynote iOS</b></p>
Spring 2	<p><b>Information</b> <b>Databases</b> Making simple data bases using the <b>Wildforms</b> app and the Geotag option on iPhoto.  Record findings in <b>BookCreator.</b></p>	<p><b>Communication -Still text. Images, sound and video.</b> Book Creator Research using the internet. <b>Florence Nightingale</b></p>	<p><b>Information-Databases</b> <b>Wild forms</b> Data base and analysis. Class survey. <b>Wildforms and BookCreator with Keynote</b></p>	<p><b>Communication-Presentation-digital rsearch</b> <b>VideoScribe animated presentation designed to raise awareness of the issues behind Ghana Day.</b></p>	<p><b>Information-Databases</b> <b>Wild forms</b> Data base and analysis. On Land use. The Northcote Rd. <b>Wildforms and BookCreator with Keynote</b> Graphs</p>	<p><b>Programming-Hardware</b> <b>Lego Mindstorms</b> Visual programming of Robot control using bump and ultrasonic sensors and extended group work and problem solving</p>
Summer 1	<p><b>Information</b> <b>Digital Research</b> Using the <b>Internet</b> to find pictures that give a wide range of pictorial information about their chosen country for <b>International Day</b>  Record information in <b>Keynote</b></p>	<p><b>Information-Databases</b> <b>Wild forms</b> Data base and analysis. Road Safety features. <b>Wildforms and Book-Creator with Keynote</b> Graphs</p>	<p><b>Programming</b> <b>Software</b> Using <b>Kodu Games Lab</b> to design and mke their own world link to Kindlqrax story. <b>Kodu</b> on the PC Laptops</p>	<p><b>Communication-Creating Images</b> <b>Sketchbook Pro-BookCreator</b> Making a book using their own drawings of an imaginary setting.</p>	<p><b>Programming-Hardware</b> <b>Lego Mindstorms</b> Visual programming of Robot control using bump and ultrasonic sensors. <b>Lego Mindstorms</b> on PC Laptops</p>	<p><b>Programming-Hardware</b> <b>Sphero Orb Basic</b> text based programming Language. Control using text based program.</p>
Summer 2	<p><b>Communication</b> <b>Animation</b> Using <b>Puppet Pals</b> and <b>Sketch-Book Pro</b> to animate the stories of the sinking of the Titanic and the rescue by <b>Grace Darling.</b>  Make into a film using IOS version of <b>iMovie.</b></p>	<p><b>Communication</b> <b>Animation</b> Tell the Punch and Judy Story using paper cut stop frame animation techniques <b>I Can Animate</b> on MacBook Pros</p>	<p><b>Communication</b> <b>Moving images</b> <b>I Can Present</b> program on MacBook pros to make <b>Weather Reports</b> using <b>Green Screen Effects.</b> <b>MacBook Pros I Can Present</b></p>	<p><b>Communication</b> <b>Still text and Images</b> Book Creator Research using the internet. <b>Habitats iPads</b></p>	<p><b>Communication</b> <b>Still text and Images</b> Book Creator Research using the internet. <b>The Planets iPads</b></p>	<p><b>Communication</b> <b>Still text and Images</b> <b>Making their year Book contributions using word document framework.</b></p>