

OVERVIEW OF COMPUTING at Hiltingbury Infant School

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	<p>Once Upon a time Logging on to the Learning Platform using picture passwords</p> <p>Typing name on keyboard.</p> <p>Click and drag – Simple City.</p> <p>Using tape recorders to listen to stories.</p> <p>E-Safety – Keeping password private and logging out.</p>	<p>Up, Up & Away Logging in and out of the Learning Platform with support.</p> <p>Using simple paint programs to make pictures.</p> <p>Learning Platform class task – add picture to forum topic</p> <p>E-Safety – Using the whistle on Learning Platform.</p>	<p>Funnybones Logging in and out of the Learning Platform independently.</p> <p>Unplugged - making a pictogram/Tally Chart. Sorting by criteria.</p> <p>2Simple bar charts</p> <p>Adding sound to images on Puppet Pals with support.</p>	<p>Under the Sea Save to the Learning Platform online folder or 'my documents' folder</p> <p>Recording voices onto sound postcards/buttons for display on trip to Blue Reef.</p> <p>Type text onto screen and using the spacebar. Purple Mash post card or 2Simple programme</p> <p>Adding comments to a class blog. E-Safety – polite communication.</p>	<p>Adventures Outside Unplugged programming – giving instructions.</p> <p>Beebot - moving forwards and backwards along a row of shops, learning to clear the memory. Simple algorithms.</p> <p>With support, use on-screen turtles on DB Primary.</p>	<p>Here Comes Summer Taking digital photos and adding captions using book creator or adobe spark post</p> <p>Printing work from Purple Mash/laptops</p> <p>Adding sounds to digital images and stop frame animation for DT sliders.</p> <p>Using 2Explore Music package. E-Safety – image consent.</p>

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Year 1	Happy & Healthy	All Aboard	Explorers	Zoom About	Giants	Minibeasts
	<p>Logging on to the Learning Platform.</p> <p>Using wordlist/banks to enter text.</p> <p>Using Google maps to look at the local area, identify features (link to geography)</p> <p><i>E-Safety – Making a class charter. Keeping personal information private.</i></p>	<p>Putting text onto the screen using space bar, return key and shift key to make a capital letter.</p> <p>Saving documents from Purple Mash and printing with support.</p> <p>Exploring whether sources are trustworthy.</p> <p><i>E-Safety – exploring the concept of ‘trust’</i></p>	<p>Using sound recorders/players to listen to pre-recorded sounds independently.</p> <p>Using pre-selected webpages/hyperlinked documents to find information with support.</p> <p>Add sound to an image using Puppet Pals or Chatterpix Kids</p> <p>Create information piece about a famous explorer, research digitally. Choose how to present their work.</p> <p>Laptops:</p> <ul style="list-style-type: none"> • 2 publish poster page • Word document • Powerpoint <p>Ipads:</p> <ul style="list-style-type: none"> • Adobe Spark Page- create a website • Adobe spark post- create a poster • Imovie • Book Creator • Thinklink interactive picture • Green Screen documentary/news report <p>(Typing skills revisit)</p> <p><i>E-Safety – Using emotions to assess unsafe situations, being open about online activity.</i></p>	<p>Using online resources to find information</p> <p>Using a digital camera or iPad to take photos.</p> <p>Adding captions or sound to digital pictures and video using Book Creator</p> <p><i>E-Safety – appropriate images and safe links on the internet.</i></p>	<p>Algorithms unplugged – following simple instructions – Human crane</p> <p>Using art packages to convey ideas – enhancing photos or Brushes on ipad</p> <p>Creating music for Jack and the Beanstalk story using music package on Purple Mash.</p>	<p>Giving instructions to Beebot.</p> <p>Using trial and error to create a sequence of instructions to move a Beebot to a specified location on a grid or mat.</p> <p>Using 2Go on Purple Mash to explore and then move objects to destinations.</p> <p>Putting text onto the screen using space bar, return key and shift key to make a capital letter. Using 2publish- draw a picture of themselves and type a speech bubble explaining their favourite moment of Year One.</p>

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Year 2	<p>Castles & Knights</p> <p>Logging on, saving, retrieving and printing from the Learning Platform with support.</p> <p>Exploring imaginary worlds through adventures games and simulations.</p> <p><i>E-Safety – Revision of e-safety policy and whistle. Keeping personal information private.</i></p>	<p>Fire! Fire!</p> <p>Creating a stop frame animation of the Great Fire of London adding captions and audio.</p> <p>Sharing their work with others.</p>	<p>Heroes and Heroines</p> <p>Identifying uses of ICT beyond school, e.g. library, supermarket.</p> <p>Navigating and sorting information in a database.</p> <p>Creating simple pictograms and graphs and use them to find answers to questions.</p> <p>Where time allows- Type a speech bubble for a hero or heroine that has been studied. ? work into English planning.</p>	<p>Ahoy There!</p> <p>Making algorithms for BeeBot to solve problems using treasure maps.</p> <p>Testing and debugging their programs.</p>	<p>Go Wild</p> <p>Researching using the internet, using key words and search engines.</p> <p>Making a research community of their own. Choosing how to present their research digitally.</p> <p>Laptops:</p> <ul style="list-style-type: none"> • 2 publish poster page • Word document • Powerpoint <p>Ipads:</p> <ul style="list-style-type: none"> • Adobe Spark Page- create a website • Adobe spark post- create a poster • Imovie • Book Creator • Thinklink interactive picture • Green Screen nature documentary/new s report <p>(Typing skills revisit)</p> <p><i>E-Safety – Exploring digital and online resources safely using safe search engines and key words.</i></p>	<p>Dinosaurs & Mythical Creatures</p> <p>Making own adventure stories around topic using LEGO Storymaker software on laptops or LEGO Movie Maker on iPads.</p> <p>Using onscreen robots e.g Daisy Dinosaur on iPad to extend their programming, predicting, testing and debugging skills.</p> <p>2DIY – Create their own imaginary worlds/adventure games.</p>

This overview gives a broad outline of the units covered in our Computing curriculum. ICT is also used across the school in every subject to support teaching and learning. The Learning Platform is used intrinsically to support both the curriculum and home-school liaison and tasks are set by the class teacher on a weekly basis. E-safety is taught explicitly and reinforced consistently.

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