

Oakfield Primary School - Computing Curriculum Overview

	A1	A2	Sp1	Sp2	S1	S2
Year R	<b>All About Me</b> Mouse skills <i>Desktop and mouse</i>	<b>Celebration</b> Exploring Espresso <i>Espresso</i>	<b>If you go down to the Woods today</b> Bear pictures and making porridge <i>2paint/ microwave</i>	<b>Down on the Farm</b> Writing name and create a 2 paint story <i>2paint</i>	<b>In the Garden</b> Control <i>Remote control vehicles</i>	<b>A Bug's Life E-Safety</b> Using ICT suite/ logging on independently <i>Desktops</i>
Year 1	<b>We are toy makers</b> Programmable toys <i>Beebots/ beebot online</i>	<b>We are letter writers</b> Word-processing <i>Word/ Dancemat typing</i>	<b>We are illustrators</b> Illustrating an e-book <i>Paint/ paint.net</i>	<b>We are investigators E-Safety</b> Finding images using the web <i>Google safesearch</i>	<b>We are creators</b> Creating a card electronically <i>Paint/ paint.net/ Dancemat</i>	<b>We are data handlers</b> Creating and interpreting pictograms <i>2count/ Excel</i>
Year 2	<b>We are programmers</b> Introduction to programming <i>Scratch</i>	<b>We are gamers</b> Making and exploring simple computer games. <i>Scratch</i>	<b>We are editors</b> Taking, selecting and editing digital images. <i>Paint/ paint.net</i>	<b>We are researchers</b> Powerpoint presentation related to our topic. <i>Microsoft PowerPoint</i>	<b>We are communicators E-Safety</b> Communicating clues – learning to email and writing blogs <i>Wordpress</i>	<b>We are data detectives</b> Recording bug hunt data and researching and collecting data to put on a spreadsheet. <i>Excel</i>
Year 3	<b>We are animators</b> Creating animations <i>Scratch</i>	<b>We are bug fixers</b> De-bugging programmes <i>Scratch</i>	<b>We are weather presenters resource</b> Video performance	<b>We are Historians E-Safety</b> Titanic research and powerpoint presentation <i>Powerpoint/ Google safesearch</i>	<b>We are Network Engineers</b> Investigation - how computers are linked <i>Google Earth</i>	<b>We are opinion pollsters</b> Creating surveys and presenting results <i>Surveymonkey Excel</i>

Year 4	<b>We are musicians</b> Create digital music <i>Audacity/ Garageband</i>	<b>We are co-Authors</b> <b>E-Safety</b> Creating a Wiki page about a traditional story <i>Wiki.com</i>	<b>We are meteorologists</b> Collecting, analysing and presenting data <i>Barometer, weather vane, digital thermometer, digital weather station/ Excel</i>	<b>We are Toy Designers</b> Create an interactive toy/ Build Titanic ship <i>Scratch/ Lego digital designer</i>	<b>We are Software Developers</b> Produce an educational game <i>Scratch/ Snap</i>	<b>We are HTML Editors</b> <b>E-Safety</b> Editing and writing HTML <i>Firefox/ Safari</i>
Year 5	<b>We are game developers</b> Creating games <i>Scratch</i>	<b>We are cryptographers</b> Code creating and cracking <i>The Black Chamber</i>	<b>We are artists</b> <b>E-Safety</b> Researching and creating different artistic styles <i>Powerpoint/ Megapaint</i>	<b>We are web developers</b> <b>E-Safety</b> Create webpages <i>Wordpress/ Google</i>	<b>We are bloggers</b> Create a blog <i>Wordpress</i>	<b>We are number crunchers</b> Manipulating and presenting data (focus on tabulating data and line graphs – Y5 maths link) <i>Excel</i>
Year 6	<b>We are communicators</b> <b>E-Safety</b> E-mailing and communication <i>0365, googlemail</i>	<b>We are pop artists</b> <b>E-Safety</b> Re-creating pop art <i>Paint.net/ photoshop</i>	<b>We are programmers</b> Creating pictures using coding and virtual games	<b>We are Entomologists</b> Applying formulae and analysis of species – tables and pie charts <i>Excel</i>	<b>We are movie makers</b> Movie making and editing <i>imovie</i>	<b>We are project managers</b> Mini enterprise initiative <i>Excel/ Libre office</i>

**Publishing Digital Content (Multimedia/ Communication/ Graphics)**

**Computing (Coding/ control)**

**Data Handling**

**E-Safety (Research/ e-awareness)**

KS1 and EYFS have identified key pre-cursor skills required to aid successful transition to the Computing National Curriculum and these have been planned into the year R curriculum.

All year groups have set units of e-safety coverage however key messages are threaded through all units of work

Staff and children complete annual e-safety training provided by Harrap IT. Parents are also given the opportunity to attend a training session. Praisin' Hands also visits Oakfield to reinforce key e-safety messages.