

Escomb Primary School Computing Curriculum

Eg 9 hours within 3 week block Take into account if some areas are in depth studies. Digital literacy to run all year in each year group.

	Term 1 Autumn		Term 2 Spring		Term 3 Summer		Total Lessons/Hours
Year 1	Bee Bot- <i>How can we get from A-B?</i> - Programmable toys.	Creativity - <i>Can we illustrate a book?</i> - illustrate an e-book - Paint	<i>Can we collect pictures from the web?</i> - Finding images using the Web	Communication - <i>How can we make a book talk?</i> PowerPoint/ Clicker 6	Data Handling - creating a pictogram - Textease Spreadsheet/ database	Filming a recipe for a cake - <i>Can we film a recipe?</i> Movie maker/ iMovie	
Year 2	Digital imagery - <i>Why do we edit images?</i> Picasa, Photoshop or other photo edit software.	Digital Mystery - <i>Why didn't Baboushka follow the kings to Bethlehem?</i> - reflective thinking	Data Handling - <i>How can we record data?</i> Excel, PowerPoint	Game testing - <i>How do computer games work?</i> Selection of games for children to test and evaluate - free online games.	Research - <i>Can we find information on the web?</i> - Research a topic (link?) PowerPoint	Introduction to Scratch - <i>Can we code?</i> Basics of scratch.	
Year 3	Green screen presentation - weather	Animation - Morfo - stone age man To develop a better understanding of Scratch - <i>Can we programme an animation?</i> Scratch animation	Stop motion animation - <i>Can we build a pyramid the Pharaoh would be proud of?</i> Lego stop motion.	Flowol - traffic light system	Presentation - <i>Can we present a documentary?</i> (local study) iMovie/ Movie Maker	Computer networks - <i>Can we fix the computer network in our school?</i>	
Year 4	Software developing - <i>How can computer games be educational?</i> - Scratch	Creativity - <i>Can you produce music worthy of a Roman emperor?</i> Garage Band	<i>How can we share information with others?</i> Produce a wiki on a subject or theme. - Media Wiki/ Google sites	Prototyping an interactive toy - <i>Can we make things move?</i> (robots theme?) Lego WeDo/ Scratch	Green screen presentation - topic related	Animation - Puppet Pals	
Year 5	Can we produce an interactive game? To develop an interactive game -Espresso coding/ Kodu	Could you be the next MI6 code cracker?	How do we share things on a daily basis with the World? -use Weebly software	Can you build a computer from scratch? - Raspberry Pi	Can you produce a house worthy of Grand designs? Grand designs project -Google sketch up		
Year 6	Market research - <i>Can we research the market for growing trends?</i> Online app sources/ iTunes	App development - <i>Can we plan a mobile app worthy of today's ever-changing market?</i> - App inventor	App creation - Developing a simple mobile phone app - <i>Can we produce a mobile app worthy of today's ever-changing market?</i> - App inventor	Marketing - Produce an advertising campaign based on their app - <i>How can we sell our app to the Public?</i>			(Due to SATs)