Class:		Opal		Year Group:		3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computer Science (Programming) (beebots, lgfl, espresso coding, scratch) **NC Objectives** -Solve problems by decomposing them into smaller parts -Use logical reasoning to explain how some simple algorithms work -Detect and correct errors in algorithms and programs -Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems -Use sequence, selection and repetition in programs -Work with variables and Work with various forms of input and output					
Espresso coding	Espresso coding	Espresso coding	Getting Started with Scratch	Year 3 SOICT unit we are programmers	Scratch Computing (Year 3 Unit) Drawing with edits
ICT Multi-Media and Word Processing (Cross Curricular) **NC Objectives** -Be discerning in evaluating digital content -Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals including collecting, analysing, evaluating and presenting data and information					
Virtual experiments – linked to Animals including Humans		Virtual experiments Rocks	Virtual experiments – forces	Virtual experiments – Shadow	
ICT Digital Media (graphics, video, music, sound) **NC Objectives** -Use technology to purposefully create, organise, store, manipulate and retrieve digital content					
Use photographs to plan stories.	Use Wordle to create word pictures.			Recording compositions using video/sound recorders – Music link	
ICT Communication & Collaboration (online publishing, blogs, internet research) **NC Objectives** -Recognise common uses of information technology beyond school -Understand how computer networks, including the internet, can provide multiple services (such as the World Wide Web) and the opportunities they offer for communication and collaboration -Use search technologies effectively and Appreciate how search results are selected and ranked					
Blogging via web site	Blogging via web site	Blogging via web site	Blogging via web site	Blogging via web site	Blogging via web site
ICT Data (graphs, databases, data loggers) **NC objectives** -Basic skills – opening, saving and managing files…					
	Maths link	Graphs and databases linked to forces	Maths link	Data Loggers – Light Science unit	
Digital Lieracy and E-Safety (online research, incl networks and internet, e-awareness, communication & collaboration) **NC objectives** -Use technology safely, respectfully and responsibly -Recognise acceptable / unacceptable behaviour -Identify a range of ways to report concerns about content and contact -Basic skills – Keyboard skills					
E-Safety Acceptable User Policy – Signed LGFL (Us online)	Online Privacy	Messaging Safer Internet Day (10th Feb)	Safe Surfing	Gaming	Cyberbullying