LTP Computing Class 3

Cycle B

Computing Areas	Autumn Term	Spring Term	Summer Term
Computer Science **Programming Algorithims, sequencing beebots/roamers/probots**	**Hour of Code**	**Controlling Devices Flowol** *Use logical reasoning to explain how some simple algorithms work* Use Flowol to control an on-screen simulation. Using a control box, use this to control their DT Moon Buggy Model. Flowol	Scratch Animated Stories
Digital Literacy & Citizenship **SWGFL Scheme of Work** **Online Communication and E-Safety, Blogging, Email**	'*effectively use a search engine to find multiple criteria using AND/OR to refine searches'* Google Search Lessons *'know how to compare information from different websites and know that some sites may show bias'* *'know how to validate information found through searches by checking more than one source'* LGFL- What we can 'trust' Common Sense Media- A creators rights and responsibilities	'***know how to reduce the risks posed by using Social Media by managing their friends list and privacy settings'*** Game On Common Sense Media- Digital Friendships ==Internet Safety Day==	'***know that some news is 'fake'*** Fake News Be Internet Legends- Check it's Real

IT	Communication Publishing and Collaborating (Multimedia, Word Processing)			PowerPoint *Know how to use the main features of office software to produce suitable documents and presentations for an audience including some elements of timing or sequence.* Create a Local History Power Point and a key facts handout for Topic.
	Digital Video (Video & Animation Music/Sound)		Film Making *Select, use and combine software on a range of digital devices.* Produce a storyboard and animation about the solar system. Use video software (photostory, iMovie etc) to create a short documentary about the 1969 Moon Landings. Film Making Planning	
	Digital Imagery (Graphics & Digital Cameras)	Editing a Photo *Know how to edit a picture* Be able to use layers, add filters, select areas to modify, add text or other appropriate content. Using paint.net/pixlr to create a digital pop art image.		
	Handling Information (Database)			