

Y2	YEAR 2 Overview	Autumn	Spring	Summer
Computer Science	Programming Algorithms, Sequencing beebots / Roamers/ Probots	L.O: To explore algorithms Beebots explore – using floor maps LA - Moving Beebots – fd / bk MA /HA Moving Beebots - rt / lt MA / HA challenge –How would you get from.... Beebots making instructions LA / MA- use Beebots to make some simple sets of instructions HA- Make sets of instructions using cards Predict and debug	L.O: To explore programming use of programming apps on ipads LA – Kodable / Beebot app / Daisy the Dinosaur MA / HA ALEX/ / Scratch Jun / Blue bot app Using a probot – explore a floor map using probots LA/ MA – introduce to Probot simple movements HA- Make routes using precise instructions and ¼ turns	L.O: To create my own algorithm Algorithms LA -sequence a set of instructions to make a sandcastle MA/ HA- create own instructions on how to make a sandcastle Make a set of instructions using beebot/probot – did it reach the right place? Can you debug? Debug a set of instructions using beebot/probot –predict sets of instructions – did it reach the correct place? If not debug. Probot – angles rt angles / ¼ turns Programming instructions to make a square HA- Can you make a hexagon
		See SWGFL Schemes Going Places Safely Common sense media https://www.common sensemedia.org/educators/lesson/going-places-safely-k-2	Netsmartz – http://cdn.netsmartz.org/ebooks/DeliverForWebster-Book.pdf Delivery for Webster http://cdn.netsmartz.org/ebooks/DeliverForWebster-DiscussionGuide.pdf	CEOP – Lee and Kim https://www.thinkuknow.co.uk/5_7/LeeandKim/ (See shared area)
Digital Literacy	Digital Literacy & Citizenship (Research) SWGFL scheme of work Online Communication and E-Safety, DLG, Blogging, E-mail)			
IT	Communication Publishing and collaborating (Multimedia Word Processing)	L.O: to develop word processing skills Write a newspaper article / diary entry J2E – writing	L.O: To develop word processing skills Poster to advertise - Word / Publisher Pages IPAD	L.O: To develop multi media processing skills Powerpoint / Keynote create a powerpoint about a famous person / topic IPAD – Book Creator app – create a talking book. Add text / pictures record sound

					Challenge – more complex book
	Digital video Video & Animation Music / Sound	L.O: To explore digital sound Use microphone app to record voice CROSS CURRICULAR			L.O: To explore digital video Use Imovie to create an advert CROSS CURRICULAR
	Digital Imagery (Graphics & digital cameras)	L.O: To explore digital imagery Use google earth as part of learning about places in the world CROSS CURRICULAR	L.O: To explore digital imagery Painting app- create an image using a range of tools CROSS CURRICULAR		L.O: To explore digital imagery Photo walk of the local area/ school CROSS CURRICULAR
	Handling Information (Database)				L.O: To create a database Create a branching database (J2E Branch) CROSS CURRICULAR