

Year 4 / 5	Overview Y4/5	Autumn	Spring	Summer
Computer Science	Programming (Algorithms, Sequencing and testing code) Beebot / Roamer / Probot Programming apps	L.O: To sequence events Research PPT – sequencing information on page Y5 Challenge- add in animation Bee Bots: program instructions for a bee bot to complete challenges Y5 Challenge- Create an algorithm for partners than needs debugging	L.O: To create an algorithm Scratch – Full Version Planning from Phil Bagge http://code-it.co.uk/scratch/slugtrail/slugtrailoverview w (Slug Trail or Smoking car)	L.O: to test code and programming Create a PPT that includes hyperlinks Interactive website with hyperlinks Y5 Challenge: include a video Microbits – simple programming lessons on website
Digital Literacy	Digital Literacy & Citizenship (Research) SWGFL scheme of work (Online Communication and E-Safety, DLG, B	Play Like Share CEOP – 3 videos and full lessons (3 x 1hr) https://www.commonsense.org/education/lesson/private-and-personal-information-3-5 personal information	https://www.google.com/intl/en-us/insidesearch/searcheducation/lessons.html - learning how to search with Google. Lgfl Trust Me – what do we believe – lesson 1	https://www.commonsense.org/education/lesson/the-power-of-words-3-5 (anti bullying)
I T	Communication Publishing and collaborating (Multimedia Word Processing)	L.O: To improve word processing skills Literacy based activity on word – spellings, drafting, changing fonts to suit work (Word / Pages) x 2 (assessment) Differentiated by outcome	L.O: To improve word processing skills To create a poster on publisher: Inserting pages, editing, cropping photos, changing font and colour of text Differentiated by outcome	L.O: To improve word processing skills To create a presentation on key notes: animation, sounds, multi media, hyperlinks Differentiated by outcome
	Digital video Video & Animation Music / Sound		L.O: to explore digital video Create a report using video on ipads Y5 Challenge: edit and cut video CROSS CURRICULAR	L.O: to explore digital video Create a video using stop frame animation. Y5 challenge: add in additional media CROSS CURRICULAR

	Digital Imagery (Graphics & digital cameras)			L.O: To explore digital imagery Edit and alter images using apps; paint, pic collage Y5- write explanation of how to edit images CROSS CURRICULAR
	Handling Information (Database / Spreadsheets)		L.O: To create a database Excel spreadsheet CROSS CURRICULAR	L.O: To produce data Create bar graphs/ pie charts from excel CROSS CURRICULAR

Stone Age