Henwick computing curriculum map 2017/18

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
AUTUMN 1 (History theme)	**1.1 We are treasure hunters** *Using programmable toys* Link: topic – pirates/treasure maps (Programming) *also the option of using some EYFS units during transition*	**2.1 We are astronauts** *Programming on screen* Link: literacy (instructions) (Programming)	**3.1 We are programmers** *Programming an animation* Link: animating a scene from a literacy text or historical topic event (Programming)	**4.1 We are software developers** *Developing a simple educational game* Link: maths topics Programming)	**5.1 We are game developers** *Developing an interactive game* Link: history themed game Programming)	**6.1 We are adventure gamers** *Making a text-based adventure game* Link: history topic Programming)
AUTUMN 2 (Art theme)	**1.6 We are celebrating** *Creating a card electronically* Link: RE & Christmas (Productivity)	**2.3 We are photographers** *Taking selecting and editing digital images* Link: art topic (Creativity)	**3.4 We are vloggers** *Making and sharing a short screencast presentation* Link: art topic (Computer networks)	**4.3 We are musicians** *Producing digital music* Link: music for the art gallery/that goes with their art piece (Creativity)	**5.6 We are architects** *Creating a virtual space* Link: recreate art gallery from topic (Productivity)	**6.2 We are computational thinkers** *Mastering algortihms for searching, sorting and mathematics* Link: maths Computational thinking)
SPRING 1 (History theme)	**1.4 We are collectors** *Finding images using the web* Link: toy topic (Computer networks)	**2.4 We are researchers** *Researching a topic* Link: topic (Computer networks)	**3.3 We are presenters** *Videoing performance* Link: PE (Creativity)	**4.4 We are HTML editors** *Editing and writing HTML* Link: create a webpage about history topic (Computer networks)	**5.5 We are bloggers** *Sharing experiences and opinions* Link: literacy and debate (Communication/ collaboration)	**6.4 We are network engineers** *Exploring computer networks including the internet* (Computer networks)
SPRING 2 (Science theme)	**1.3 We are painters** *Illustrating an eBook* Link: literacy text (Creativity)	**2.6 We are zoologists** *Recording bug hunt data* Link: science and topic (Productivity)	**3.2 We are bug fixers** *Finding and correcting bugs in programs* Computational thinking)	**4.6 We are meteorologists** *Presenting the weather* Link: science topic (Productivity)	**5.5 We are web developers** *Creating a web page about cyber safety* Link: literacy (Computer networks)	**6.3 We are advertisers** *Creating a short television advert* Link: persuasive writing (Creativity)
SUMMER 1 (Geography theme)	**1.5 We are storytellers** *Producing a talking book* Link: literacy text (Communication/ collaboration)	**2.2 We are games testers** *Exploring how computer games work* Link: literacy (instructions) (Computational thinking)	**3.5 We are communicators** *Communicating safely on the internet* (Communication/ collaboration)	**4.5 We are co-authors** *Producing a wiki* Link: create a wiki linked to geography topic (Communication/ collaboration)	**5.3 We are artists** *Fusing geometry and art* Link: maths and RE (Creativity)	**6.5 We are travel writers** *Using media and mapping to document a trip* Link: geography topic (Productivity)

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	1.2 We are TV chefs	**2.5 We are detectives**	**3.3 We are opinion pollsters**	**4.5 We are toy designers**	**5.2 We are cryptographers**	**6.6 We are publishers**
SUMMER 2 (Enterprise & DT theme)	*Filming the steps of a recipe* Link: enterprise and summer fair Computational thinking)	*Communicating clues* Link: literacy (letters) and reading (inference) (Communication/ collaboration)	*Collecting an analysing data* Link: market research for enterprise topic (Productivity)	*Prototyping an interactive* Link: enterprise topic and designing a toy Computational thinking)	*Cracking codes* Link: maths (Computational thinking)	*Creating yearbook* Link: literacy (Communication/ collaboration)