Class 3 Computing Curriculum Map Y4 – Y6

Crawford Village Primary School & Nursery

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A 2022/23	Unit 4.2 Online safety Making Friends Online (PSHE RESOURCE) Weeks – 4 Programs – Various Unit 4.7 Effective Search Weeks – 3 Programs - Browser Project Evolve: Y4 Self Image and Identity. ***TEACH COMPUTING*** *Year 5 Computing systems and networks - systems and searching*	Unit 4.1 Coding Weeks – 6 Main Programs – 2Code Project Evolve: Y4 Online Relationships Other Programmes/Apps: *Scratch Junior. Microbit. Crumble.* ***TEACH COMPUTING*** *Year 5 Programming A – Selection in physical computing*	*Unit 6.7 Quizzing Weeks – 6 Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate* Project Evolve: Y6 Online Reputation Other Programmes/Apps: *Kahoot Quizziz Quizlet Padlet* ***TEACH COMPUTING*** *Year 5 Programming B – Selection in quizzes*	Unit 5.1 Coding Weeks – 6 Main Programs – 2Code Other Programmes/Apps: *Scratch Junior. Scratch. Microbit. Crumble.* Project Evolve: Y5 Privacy and Security ***TEACH COMPUTING*** *Year 6 Programming A – Variables in games*	Unit 5.3 Spreadsheets Weeks – 6 Programs – 2Calculate Other Programmes/Apps: *Excel* Project Evolve: Y5 Health, Well-being and lifestyle. Y5 Online Bullying ***TEACH COMPUTING*** *Year 6 Programming B - Sensing movement*	Unit 6.1 Coding Weeks – 6 Main Programs – 2Code Other Programmes/Apps: *Scratch Junior. Scratch. Microbit. Crumble.* Project Evolve: Y6: Copyright and Ownership. ***TEACH COMPUTING*** *Year 5 Creating media - Introduction to vector graphics*

Small enough to care...big enough to inspire

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle B 2023/24	Unit 5.2 Online safety Online Bullying / Children's Views (PSHE RESOURCE) Weeks – 3 Programs - Various Unit 4.6 Animation Weeks – 3 Programs – 2Animate Other Programmes/Apps: *imovie Stopmotionstudio Toontastic 3D* Project Evolve: Y5 Self Image and Identity. ***TEACH COMPUTING*** *Year 4 Creating media – Photo editing Creating media - Audio production*	Unit 6.3 Spreadsheets Weeks – 5 Programs – 2Calculate Other Programmes/Apps: *Excel. Google Sheets.* Project Evolve: Y6 Online Relationships ***TEACH COMPUTING*** *Year 4 Data and information – Data logging*	Unit 4.4 Writing for different audiences Weeks – 5 Programs – 2Email, 2Connect, 2DIY Other Programmes/Apps: *Outlook. Word.* Project Evolve: Y4 Online Reputation ***TEACH COMPUTING*** *Year 5 Creating media - Video production*	Unit 5.4 Databases Weeks – 4 Programs – 2Question, 2Investigate Other Programmes/Apps: *Scratch Junior. Microbit. OpenOffice Base* Unit 4.8 Hardware Investigators Weeks – 2 Other Programmes/Apps: *RaspeberryPI Microbit. Crumble.* Project Evolve: Y4 Privacy and Security ***TEACH COMPUTING*** *Year 5 Data and information – Flat-file databases*	Unit 6.5 Text Adventures Weeks – 5 Programs – 2Code, 2Connect Other Programmes/Apps: *Scratch Junior. Scratch Toontastic PowerPoint Book Creator* Project Evolve: Y6 Health, Well-being and lifestyle. Y6 Online Bullying ***TEACH COMPUTING*** *Year 5 Programming B – Selection in quizzes*	Unit 5.7 Concept Maps Weeks – 4 Programs – 2Connect Other Programmes/Apps: *LucidcHart Clickup Xmind Gitmind* Project Evolve: Y5: Copyright and Ownership *.* ***TEACH COMPUTING*** *Year 4 Computing systems and networks – The Internet*

Small enough to care...big enough to inspire

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle C 2024/25	Unit 6.2 Online safety Image Sharing / Adults' Views (PSHE RESOURCE) Weeks – 3 Programs - Various	Unit 4.3 Spreadsheets Weeks – 6 Programs – 2Calculate	Unit 5.5 Game Creator Weeks – 5 Programs – 2DIY 3D	Unit 5.6 3D Modelling Weeks – 4 Programs – 2Design and Make	Unit 6.4 Blogging Weeks – 5 Programs – 2Blog	Unit 6.6 Networks Weeks – 3
	Unit 4.5 Logo Weeks – 4 Programs – Logo	Project Evolve: Y5 Online Relationships	Other Programmes/Apps: *Scratch Junior. Scratch Gamemaker Kodu*	Other Programmes/Apps: *tinkerCAD 3D Builder Makers Empire*	Other Programmes/Apps: *Word School Spider*	Other Programmes/Apps: *Barefoot computing LucidcHart Clickup Xmind Gitmind*
	Other Programmes/Apps: *Scratch Junior. Scratch*	Other Programmes/Apps: *Excel. Google Sheets.*	Project Evolve: Y4: Copyright and Ownership.	Project Evolve: Y5 Online Reputation	Project Evolve: Y4 Health, Well-being and lifestyle.	Project Evolve: Y6 Privacy and Security
	TEACH COMPUTING *Year 4 Programming A – Repetition in Shapes*	**TEACH COMPUTING** *Year 6 data and information - introduction to spreadsheets*	**TEACH COMPUTING** *Year 4 programming B – repetition in games*	**TEACH COMPUTING** *Year 6 creating media – 3d modelling*	Y4 Online Bullying]	**TEACH COMPUTING** *Year 6 computing systems and networks - communication and collaboration*
	Project Evolve: Y6 Self Image and Identity.				**TEACH COMPUTING** *Year 6 creating media – web page creation*	

In coding, the lessons need to be taught in sequence as each lesson introduces skills that are consolidated and developed in the next lesson. Therefore, it is proposed to teach coding in one cycle only and none in the other two cycles.

There will be a coding club at Crawford Village every half term, which will allow pupils in class three opportunities to practise a variety of coding skills each year.

Project Evolve refers to the Online Safety Toolkit developed by SWGfL (South West Grid for Learning) This allows for online safety to be discussed throughout the year and provides resources for each of the 330 statements from UK Council for Internet Safety's (UKCIS) framework "Education for a Connected World."

Small enough to care...big enough to inspire