



The Greville Primary School – Long-Term Plan

Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Early Years	Computer discovery (1-2 lessons) Mouse and keyboard skills (4-6 lessons) E-Safety (1 Lesson)	Mouse and keyboard skills continued (4-6 lessons) E-Safety (1 Lesson)	Early music creation (2 lessons) Digital Technology to support early Literacy and maths (5 lessons) E-Safety (1 Lesson)	Digital Technology to support early Literacy and maths (5 lessons) E-Safety (1 Lesson)	Digital photos and videos (3 lessons) E-Safety (1 Lesson)	Digital art and design (2-3 lessons) Programming (2-3 lessons) E-Safety (1 Lesson)
Year 1	Mouse and keyboard skills (4-6 lessons) E-Safety (1 Lesson)	Digital art (4 lessons) E-Safety (1 Lesson)	3D design (4 lessons) E-Safety (1 Lesson)	Text and images (3 lessons) E-Safety (1 Lesson)	Comic creations (3 lessons) E-Safety (1 Lesson)	Introduce programming (5-7 lessons) E-Safety (1 Lesson)
Year 2	Recognise uses of IT (3-4 lessons) Typing (beginning of each lesson) E-Safety (1 Lesson)	Digital art (3-4 lessons) Typing (beginning of each lesson) E-Safety (1 Lesson)	Introduction to animation (2-4 lessons) E-Safety (1 Lesson)	Introduction to data handling (2-3 lessons) E-book creation(2-3 lessons) E-Safety (1 Lesson)	Developing programming (3-4 lessons) Programming with Scratch (3 lessons) E-Safety (1 Lesson)	Internet research (4-5 lessons) E-Safety (1 Lesson)
Year 3	Comic Creation (3 Lessons) Storyboards (1 Lessons) Music Creation (2 Lessons) Typing (beginning of each lesson) E-Safety (1 Lesson)	Digital Art (4-6 Lessons) Typing (beginning of each lesson) E-Safety (1 Lesson)	Programming in Scratch (4-6 Lessons) E-Safety (1 Lesson)	Document Editing and Creation (1-2 Lessons) Infographics (1-2 Lessons) E-Safety (1 Lesson)	Music Creation – (3 Lessons) Infographics (1-2 Lessons) Branching Database (1 Lesson) E-Safety (1 Lesson)	Programming in Kodu (3-5 Lessons) E-Safety (1 Lesson)
Year 4	Graphic Design (1 Lesson) Animation (5-7 Lessons) E-Safety (1 Lesson)	Programming in Scratch (6-8 Hours) E-Safety (1 Lesson)	Internet Research (3-4 Lessons) Video Editing (2-3 Lessons) E-Safety (1 Lesson)	EBook Creation (3-5 Lessons) Inside a Computer (1 Lesson) E-Safety (1 Lesson)	Data Handling (3-4 Lessons) E-Safety (1 Lesson)	3D Design (6-8 Hours) E-Safety (1 Lesson)
Year 5	Programming in Scratch (5- 7 lessons) E- Safety (1 lesson)	App design (4-6 lessons) Touch typing E- Safety (1 lesson)	Text based programming (4 –5 lessons) Data Handling (3-4 lessons) E- Safety (1 lesson)	Programming (5 -6 lessons) Programming Physical Devices (1 – 3 lessons) E- Safety (1 lesson)	Understanding networks and the web (2 -3 lessons) Music creations (2-3 lessons) E- Safety (1 lesson)	E-book creations (3 -5 lessons) Computer operating systems (1-2 lessons) E- Safety (1 lesson)
Year 6	Programming in scratch (7-9 lessons) E- Safety (1 lesson)	Graphic design (2-3 lessons) Image editing (3-4 lessons) E- Safety (1 lesson)	Web design (5-8 lessons) Machine learning and A.I (1-2 lessons) E- Safety (1 lesson)	Binary code (1-2 lessons) Programming in python (3 lessons) E- Safety (1 lesson)	Programming in HTML (3-4 lessons) Computers past, present and future (2-3 lessons) E- Safety (1 lesson)	Virtual reality (5 -8 lessons) E- Safety (1 lesson)