


Foston CE, Terrington CE VA & Stillington Primary Schools in collaboration with Langton
Subject Long-Term Plan

Subject: Computing 		Golden Threads & Key Concepts: <ul style="list-style-type: none"> Online safety Computing systems and networks Programming Creating media Data handling <p>Based on the national curriculum guidance of computer science, information technology and digital literacy which is woven through our key concepts. The children will be learning the disciplinary and substantive knowledge.</p>			Langton Values: Excellence, Respect, Nurture, Collaboration, Creativity and Resilience		FST Curriculum Enhancers: Creativity Diversity Community Sustainability	
Progression	EYFS	KS1 A	KS1 B	KS2 A	KS2B	KS2 C	KS2 D	
Autumn 1		Online Safety Y1 Computing systems and networks 1: What is a computer? Y2 (Lessons 2 and 3)	Online safety: Year 2 Skills (saving, logging in)	Online safety Y3 Online Safety Year 5 Skills (saving, folder location, finding apps)	Online safety: Y4 Online safety: Y6 Skills (saving, folder location, finding apps)	Online safety Y3 Online Safety Year 5 Skills (saving, folder location, finding apps)	Online safety: Y4 Online safety: Y6 Skills (saving, folder location, finding apps)	
Autumn 2			Computing systems and networks Y2: Word processing	Computing systems and networks 1: Networks and the internet Y3	Computing systems and networks: search engines Y5	Computing systems and networks 3: Journey inside a computer Y3		
Spring 1		Computing systems and networks: Improving mouse skills Y1	Programming 1: Algorithms and debugging Y2 (Lesson 1, 3, 5)	Programming: scratch Y3	Programming 1: Sonic Music Y5	Programming 1: Further coding with scratch Y4	Computing systems and networks 2: Emailing Y3	
Spring 2		Programming 1: Algorithms unplugged (Lessons 1, 4, 5) Y1	Programming 2: Scratch Jr Y2 (Lesson 1, 2, 3, 5)	Creating Media: Website Design Y4	Creating media: Video trailers Y3	Programming 2: Computational Thinking	Programming 2: Micro: bit Y5	
Summer 1		Programming 2: Bee-Bot (Lessons 1, 3, 4, 5) Y1	Creating media: digital imagery Y4				Creating media: History of computers WW11 Y6	
Summer 2	Using a computer	Data handling: Introduction to data handling	Data handling: International space station Y2	Data handling: comparison cards database Y3	Data handling : Mars Rover 1 Y5	Data handling investigating weather Y4	Data handling 1: Big Data 1 Y6	