

# Foston CE, Terrington CE VA & Stillington Primary Schools Subject Long Term Plan

'Love, Learn & Grow Together'

## Subject: Computing



### Golden Threads & Key Concepts:

- Online safety
- Computing systems and networks
- Programming
- Creating media
- Data handling

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.

### Curriculum Enhancers:

Creativity  
Diversity  
Community  
Sustainability

Golden Thread & Key Concept	EYFS	Key Stage 1 A	Key Stage 1 B	KS2 Cycle A	KS2 Cycle B	KS2 Cycle C	KS2 Cycle D
Online Safety		Online Safety Y1	Online Safety Y2	Online Safety Y5	Online Y3	Online Safety Y6	Online Safety Y4
Computing Systems and networks	Using a computer	Computer systems and networks 1: What is a computer? Y2 (Lessons 2 and 3)  Computing systems and networks: Improving mouse skills Y1	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	systems and networks 2: Emailing Y3
Programming		Programming 1: Algorithms unplugged (Lessons 1, 4, 5) Y1  Programming 2: Bee-Bot (Lessons 1, 3, 4, 5) Y1	Programming 1: Algorithms and debugging Y2 (Lesson 1, 3, 5)  Programming 2: Scratch Jr Y2 (Lesson 1, 2, 3, 5)	Programming: scratch Y3	Programming 1: Sonic Music Y5	Programming 1: Further coding with scratch Y4	Programming 2: Computational Thinking Programming 2: Micro: bit Y5
Creating Media			Creating media: digital imagery Y1	Creating Media: Website Design Y4	Creating media: Video trailers Y3	Creating media: History of computers WW11 Y6	
Data Handling		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 whether Y4	Data handling 1: Big Data 1 Y6

