



Kildwick CE Primary School Rolling Computing Long Term Plan

Year A 2021-22

Class	AUTUMN		SPRING		SUMMER	
Curriculum Focus	Computing systems and networks	Creating media	Online safety	Programming 1	Data handling	Programming 2
Robins	Using a computer EYFS <u>KAPOW</u>	Digital Imagery Y1 <u>KAPOW</u>	Online safety Y1 <u>KAPOW</u>	All about instructions EYFS <u>KAPOW</u>	Introduction to data EYFS <u>KAPOW</u>	Programming Bee-Bots EYFS <u>KAPOW</u>
Swallows	Improving mouse skills Y1 <u>KAPOW</u>	Digital Imagery Y1 <u>KAPOW</u>	Online safety Y2 <u>KAPOW</u>	Algorithms unplugged Y1 <u>KAPOW</u>	Introduction to data Y1 <u>KAPOW</u>	Programming Option 1: Bee-bots Y1 <u>KAPOW</u>

Kingfishers	Networks and the internet Y3 KAPOW	Video trailers Y3 KAPOW	Online safety Y3 KAPOW	Programming Scratch Y3 KAPOW	Comparison card databases Y3 KAPOW	Computational Thinking Y3 KAPOW
Owls	Collaborative learning Y4 KAPOW	Website design Y4 KAPOW	Online safety Y4 KAPOW	Further Scratch KAPOW	Investigating the weather KAPOW	Computational thinking Y4 KAPOW
Eagles	Bletchley Park Y6 KAPOW	History of computers Y6 KAPOW	Online safety Y6 KAPOW	Intro to python Y6 KAPOW	Big Data 1 Y6 KAPOW	Extra data handling Big Data 2 Y6 KAPOW

Year B 2022-23

Class	AUTUMN		SPRING		SUMMER	
Curriculum Focus	Computing systems and networks	Creating media	Online safety	Programming 1	Data handling	Programming 2

Robins	Improving mouse skills Y1 KAPOW	Digital Imagery Y1 KAPOW	Online safety Y1 KAPOW	Algorithms unplugged Y1 KAPOW	Introduction to data Y1 KAPOW	Programming Option 1: Bee-bots Y1 KAPOW
Swallows	What is a computer? Y2 KAPOW	Stop Motion Option 1: Tablet devices KAPOW	Online safety Y2 KAPOW	Algorithms and debugging Y2 KAPOW	International Space Station Y2 KAPOW	Scratch Jr Y2 KAPOW
Kingfishers	Collaborative learning Y4 KAPOW	Website design Y4 KAPOW	Online safety Y4 KAPOW	Further Scratch KAPOW	Investigating the weather KAPOW	Computational thinking Y4 KAPOW
Owls	Search engines Y5 KAPOW	Stop Motion Animation Y5 KAPOW	Online safety Y5 KAPOW	Programming music with Sonic PI Y5 KAPOW	Mars Rover 1 Y5 KAPOW	BBC Micro:Bit Y5 KAPOW
Eagles	Bletchley Park Y6 KAPOW	History of computers Y6 KAPOW	Online safety Y6 KAPOW	Intro to python Y6 KAPOW	Big Data 1 Y6 KAPOW	Extra data handling Big Data 2 Y6 KAPOW

