



Kilmington Primary School COMPUTING LEARNING JOURNEY



TRANSITION
TO
SECONDARY



Year A: Stop Motion animation
Year B: Introduction to Python

Year A: Microbit
Year B: Mars Rover 1—binary code

Year A: Big data (2)
Year B: Mars Rover 2

In years 3, 4, 5, 6: Children learn how to select, use and combine a variety of software on a range of digital devices. Children will learn how to use technology, safely, respectfully and responsibly.

Year A: Sonic Pi
Year B: Bletchley Park 1—code breaking and hacking

Year A: Big data (1)
Year B: Bletchley Park 2—write radio plays

Year A: Online Safety
Year B: Online Safety

Year A: Investigating weather
Year B: Scratch—building in loops

Year A: Networks and the Internet
Year B: Website design

Year A: Video Trailers
Year B: HTML and fake news

In years 3, 4, 5 and 6: Children will write and debug programmes, use sequence selection and repetition in programmes, use logical reasoning to explain simple algorithms, understand computer networks, use search technologies effectively.

Years:
5/6
Ospreys

Years:
3/4
Jackdaws

Year A: Journey inside a computer
Year B: Online Safety

Year A: Further coding with Scratch
Year B: Computational thinking

Year A: Online safety
Year B: Top Trumps database

Year A: Word processing
Year B: Programming Bee Bot

Year A: Stop motion
Year B: Programming Scratch

Year A: Algorithms and debugging
Year B: Using technology safely and respectfully.

In year 1 and 2: Children learn how to recognise ICT beyond school, use technology safely and respectfully. Children will also understand algorithms, create and debug simple programmes, use logical reasoning and use technology purposefully.

Year A: Getting started
Year B: Rocket to the Moon

Year A: What is a computer?
Year B: International space station

Year A: Introduction to data
Year B: Computer Science: Understand algorithms

Years:
1/2
Kingfishers

Year A: Who are the faous characters inside my books?
Year B: Should Goldilocks say sorry?

Year A: What happened to Jack's beans?
Year B: What would you find on the farm?

Year A: Are all minibeats scary?
Year B: DO all superheros wear capes?

In EYFS: children will develop the skills in the specific area of understanding the world through exploring and observing technology. They will also develop skills in expressive arts and design through using a wide range of media. Children will develop skills within the prime areas of communication and language.

Year A: Is everybody's home the same?
Year B: What do I know about me?

Year A: Where does the day go at night?
Year B: Why is it always cold in winter?

Year A: How do I get about?
Year B: Howdo colours make you feel?

Years:
EYFS
Pipits

