

Suggested long-term plan: Computing (KS1 Mixed-age)

Cycle A				Cycle B		
Year 1/2	Previous curriculum year	Key area		Year 1/2	Previous curriculum year	Key area
Improving mouse skills	Year 1	Computing systems and networks	Autumn 1	Bee-bots	Year 1	Programming
Algorithms unplugged	Year 1	Programming	Autumn 2	Digital imagery	Year 1	Creating media
Rocket to the moon	Year 1	Skills showcase	Spring 1	Introduction to data	Year 1	Data handling
What is a computer?	Year 2	Computing systems and networks	Spring 2	Scratch Jr	Year 2	Programming
Algorithms and debugging	Year 2	Programming	Summer 1	Stop-motion	Year 2	Creating media
Word processing	Year 2	Computing systems and networks	Summer 2	International space station	Year 2	Data handling
Year 1			Online safety	Year 2		

Suggested long-term plan: Computing (LKS2 Mixed-age)

Cycle A				Cycle B		
Year 3/4	Previous curriculum year	Key area		Year 3/4	Previous curriculum year	Key area
Emailing	Year 3	Computing systems and networks	Autumn 1	Networks and the internet	Year 3	Computing systems and networks
Programming: Scratch	Year 3	Programming	Autumn 2	Comparison cards	Year 3	Data handling
Video trailers	Year 3	Creating media	Spring 1	Journey inside a computer	Year 3	Computing systems and networks
Website design	Year 4	Creating media	Spring 2	Collaborative learning	Year 4	Computing systems and networks
Further coding with Scratch	Year 4	Programming	Summer 1	Investigating weather	Year 4	Data handling
Computational thinking	Year 4	Programming	Summer 2	HTML	Year 4	Skills showcase
Year 3			Online safety	Year 4		

Suggested long-term plan: Computing (UKS2 Mixed-age)

Cycle A				Cycle B		
Year 5/6	Previous curriculum year	Key area		Year 5/6	Previous curriculum year	Key area
Micro:bit	Year 5	Programming	Autumn 1	Programming:Music	Year 5	Programming
Mars Rover 1	Year 5	Data handling	Autumn 2	Stop motion animation	Year 5	Creating media
Mars Rover 2	Year 5	Skills showcase	Spring 1	Search engines	Year 5	Computing systems and networks
Bletchley Park	Year 6	Computing systems and networks	Spring 2	Big data 1	Year 6	Data handling
History of computers	Year 6	Creating media	Summer 1	Big data 2	Year 6	Data handling
Inventing a product	Year 6	Skills showcase	Summer 2	Introduction To Python	Year 6	Programming
Year 5			Online safety	Year 6		