

# Burton Green Primary School

## Computing Overview

### Cycle A

Online safety sessions to be taught at the start of each unit

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Computing through continuous provision	All about instructions  Key area: Programming 1	Exploring hardware  Key area: Computing systems and networks	Introduction to data  Key area: Data handling	Programming Bee-Bots  Key area: Programming 2	Using a computer  Key area: Computing systems and networks
Key Stage 1	Bee-Bots  Key area: Programming	Digital Imagery  Key area: Creating media	Introduction to data  Key area: Data handling	Programming 2: MakeCode  Key area: Programming	Stop-motion  Key area: Creating media	International space station  Key area: Data handling
Lower Key Stage 2  Condensed	Emailing (Google)  Key area: Computing systems and networks	Programming: Scratch  Key area: Programming	Video trailers  Key area: Creating media	Further coding with Scratch  Key area: Programming	Computational thinking  Key area: Programming	
Upper Key Stage 2  Condensed	Search engines  Key area: Computing systems and networks	Mars Rover 1  Key area: Data handling	Stop motion animation  Key area: Creating media		Bletchley Park and the history of computers  Key area: Computing systems and networks	Programming 2: Micro:Bit  Key area: Programming

# Burton Green Primary School

## Computing Overview

### Cycle B

Online safety sessions to be taught at the start of each unit

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Computing through continuous provision	All about instructions Key area: Programming 1	Exploring hardware Key area: Computing systems and networks	Introduction to data Key area: Data handling	Programming Bee-Bots Key area: Programming 2	Using a computer Key area: Computing systems and networks
Key Stage 1	Improving mouse skills Key area: Computing systems and networks	Algorithms unplugged Key area: Programming	Rocket to the moon Key area: Skills showcase	What is a computer? Key area: Computing systems and networks	Algorithms and debugging Key area: Programming	Word processing Key area: Computing systems and networks
Lower Key Stage 2  Condensed	Computing systems and networks 1: Networks Key area: Computing systems and networks	Journey inside a computer Key area: Computing systems and networks	Collaborative learning (Google) Key area: Computing systems and networks		Investigating weather Key area: Data handling	HTML Key area: Skills showcase
Upper Key Stage 2  Condensed	Exploring AI Key area: Computing systems and networks	Intro to Python Key area: Programming	Mars Rover 2 Key area: Skills Showcase		Big data 1 Key area: Data handling	