

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	Scratch Jr. Key area: Programming	Stop-motion Key area: Creating media	International space station Key area: Data handling
Lower Key Stage 2	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	
Year 5	Search engines Key area: Computing systems and networks	Mars Rover 1 Key area: Data handling	Stop motion animation Key area: Creating media		Programming music Key area: Programming	
Year 6	Intro to Python Key area: Programming	Big data 1 Key area: Data handling	AI Key area: Computing systems and networks		Bletchley Park and the history of computers Key area: Computing systems and networks	

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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	Networks and the internet 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		
Year 5	Search engines Key area: Computing systems and networks	Mars Rover 1 Key area: Data handling	Stop motion animation Key area: Creating media	Programming music Key area: Programming		
Year 6	Intro to Python Key area: Programming	Big data 1 Key area: Data handling	AI Key area: Computing systems and networks	Bletchley Park and the history of computers Key area: Computing systems and networks		