Parklee Community School

Computing: Teaching Objectives (Whole School Overview) – Two Year Cycle.

Year A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	**Using a computer:**	**All about instructions:**	**Exploring hardware:**	**Programming Bee-Bots:**	**Introduction to data:**	**Data handling – Introduction to data:**
Red, Orange, Yellow	**Computing systems and networks: Improving mouse skills:**	**Programming 1 – Algorithms unplugged:**	**Skills showcase – Rocket to the moon:**	**Programming 2 - Bee-Bots:**	**Creating media – Digital imagery:**	**Data handling – Introduction to data:**
Green, Blue, Indigo	**Computing systems and networks 1: Networks and the internet:**	**Programming - Scratch:**	**Computing systems and networks 2: Emailing:**	**Computing systems and networks 3: Journey inside a computer:**	**Creating media – Video trailers:**	**Data handling – Comparison cards database:**
Violet, Turquoise, Maroon	**Computing systems and networks – Search engines:**	**Programming 1 - Music:**	**Data handling – Mars Rover 1:**	**Programming 2 – Micro:bit**	**Creating media – Stop motion:**	**Skills showcase – Mars Rover 2:**

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Year B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	**Using a computer:**	**All about instructions:**	**Exploring hardware:**	**Programming Bee-Bots:**	**Introduction to data:**	**Data handling – Introduction to data:**
Red, Orange, Yellow	**Computing systems and networks 1: What is a computer:**	**Programming 1 – Algorithms and debugging:**	**Computing systems and networks 2: Word processing:**	**Programming 2 – Scratch Jr:**	**Creating media – Stop motion:**	**Data handling – International space station:**
Green, Blue, Indigo	**Computing systems and networks: Collaborative learning:**	**Programming 1 – Further coding with Scratch:**	**Creating media – Website design:**	**Skills showcase - HTML:**	**Programming 2 – Computational thinking:**	**Data handling – Investigating weather:**
Violet, Turquoise, Maroon	**Computing systems and networks: Bletchley Park:**	**Programming – Introduction to Python:**	**Data handling 1 – Big data 1:**	**Creating media – History of computers:**	**Data handling 2 – Big data 2:**	**Skills showcase – Inventing a product**