

Great Corby Primary School and Nursery

Computing Subject Overview Cycle A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Children are given opportunities to develop their own play and independent exploration through our vision of curiosity and wonder. Although there is no specific teaching of computing in the foundation stage, we develop children's computational thinking. The most relevant statements for computing are taken from the following areas of learning:</p> <ul style="list-style-type: none"> •The Characteristics of effective learning. • Communication and Language •Physical Development • Mathematics • Expressive Arts and Design 					
Class 1	Improving Mouse Skills -	Algorithms Unplugged	Rocket to the Moon	What is a computer?	Algorithms and Debugging	Word Processing
Class 2	Emailing	Programming: Scratch	Video Trailers	Website Design	Further coding with Scratch	Computational Thinking
Class 3	Micro:bit - Programming	Mars Rover 1 – Data Handling	Mars Rover 2 – Skill Showcase	Bletchley Park – Computing systems and Networks	History of computer – Creating Media	Inventing a Product



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<u>Computing Subject Overview Cycle B</u>						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p>Children are given opportunities to develop their own play and independent exploration through our vision of curiosity and wonder. Although there is no specific teaching of computing in the foundation stage, we develop children's computational thinking. The most relevant statements for computing are taken from the following areas of learning:</p> <ul style="list-style-type: none"> •The Characteristics of effective learning. • Communication and Language •Physical Development • Mathematics • Expressive Arts and Design 					
Class 1	Beebots	Digital Imagery	Introduction to Data	Scratch Junior	Stop-motion	International Space Station
Class 2	Networks and the Internet	Comparison Cards	Journey inside a Computer	Collaborative Learning	Investigating Weather	HTML
Class 3	Programming Music - Programming	Stop Motion Animation – Creating Media	Search Engines – Computing Systems and Networks	Big Data 1 – Data Handling	Big Data 2 – Data Handling	Introduction to Python - Programming

