

The Orchard Primary School

Computing Long Term Plan

The Orchard Child is..

Confident and Mature	Positive	Articulate	Independent	Co-operative
Enthusiastic	Responsible	Respectful	Healthy	Resilient

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Online safety (own resources)	Using a computer	All about instructions	Exploring hardware	Introduction to data	Finish previous units/cross-curricular project work
Year 1	Online safety	Improving mouse skills	Algorithms unplugged	Digital imagery	Bee-bot	Finish previous units/cross-curricular project work
Year 2	Online safety	What is a computer?	Algorithms and debugging	International space station	Scratch Jr	Finish previous units/cross-curricular project work
Year 3	Online safety	Networks and the internet	Journey inside of computer	Video trailers	Programming scratch	Finish previous units/cross-curricular project work
Year 4	Online safety	Collaborative learning	Further coding with scratch	Investigating weather	Computational thinking	Finish previous units/cross-curricular project work
Year 5	Online safety	Search engines	Mars rover 1	Stop motion animation	Programming music	Finish previous units/cross-curricular project work
Year 6	Online safety	Bletchley park	Big data	History of computers	Intro to Python	Finish previous units/cross-curricular project work

	Unit of learning
	Computing systems and networking
	Programming
	Creating media
	Data handling
	Online safety

- Online safety is taught at the start of every topic.