

Computing - Subject Knowledge Coverage

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Ladybirds and Hedgehogs cycle A	From Yr1 PoS <u>Yr1 Computing systems and networks – Technology around us</u> (Will access Yr2 programme for HA pupils)	From Yr1 PoS <u>Creating media – Digital painting</u> This unit will be taught through other subjects but is not a focus for this half term.	From Yr2 PoS <u>Creating media – Digital photography</u>		From Yr2 PoS <u>Programming B - Programming animations</u>	From Yr1 PoS <u>Yr1 Data and information – Grouping data</u> From Yr2 PoS <u>Data and information – Pictograms</u>
Ladybirds and Hedgehogs cycle B	From Yr1 PoS <u>Yr1 Computing systems and networks – Technology around us</u> (Will access Yr2 programme for HA pupils)	From Yr1 PoS <u>Creating media – Digital painting</u> This unit will be taught through other subjects but is not a focus for this half term	From Yr1 PoS <u>Programming A – Moving a robot</u>		From Yr1 PoS <u>Creating media – Digital writing</u>	From Yr1 PoS <u>Yr1 Data and information – Grouping data</u> From Yr2 PoS <u>Data and information – Pictograms</u>
Foxes Cycle A	Computing systems and networks – Connecting computers	Programming B - Events and actions in programs / stories	Data and information – Branching databases	Creating media - Stop-frame animation (of a road trip)	Creating media - Audio production (podcast about healthy eating)	Programming A – Repetition in shapes (linked to maths)
Foxes Cycle B	Computing systems and networks – The Internet (introduction)	Programming A - Sequencing sounds (sound in science)	Creating media – Desktop publishing (estate agent leaflet / top trumps)	Data and information – Data logging (Compare the climate to S America and UK)	Creating media – Photo editing (Contrasting pictures of Compton then and now)	Programming B – Repetition in games
Falcons Cycle A	Computing systems and networks - Systems and searching E-safety: Reporting concerns and rules for safe use	Data and information – Spreadsheets - Excel E-safety: Online risks/keeping your information safe	Digital Literacy: Programming A – Selection in physical computing - Crumble	Digital Literacy: Creating media – Introduction to vector graphics - PowerPoint or Publisher	Creating media – Web page creation - Google Site E-Safety: Responsible behaviour using online messaging	Programming B – Selection in quizzes
Falcons Cycle B	Computing systems and networks - Communication and collaboration– World Wide Web	Programming A: variables in games - Scratch	Data and information – Flat-file databases - J2 sample Data databases	Creating media - Video production– Microsoft Editor	Programming B: Sensing - Microbit	Creating media – 3D Modelling - Tinkercad