

Long term computing planning 2021-2022

At Leopold Primary School Computing Long Term Plan follows the sequence from Purple Mash. All units are taught following the Purple Mash Schemes of Work. The themes for each unit ensure that all the National Curriculum objectives are covered so that all the learners at Leopold Primary School receive a broad and balanced curriculum.

Theme Key:															
	Coding and Computational thinking		Spreadsheets		Internet and Email		Art and Design		Music		Databases and graphing		Writing and Presenting		Communication and networks

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Communication and Language	Expressive Arts	Literacy	Mathematics	Physical Development PSED	Exploring the World
Year 1	Exploring Purple Mash- 4 weeks Suggested Programmes: Various	Grouping and Sorting - 4 weeks Suggested Programmes: 2DIY	Lego Builders - 3 weeks Suggested Programmes: 2DIY	Animated Story Books – 5 Weeks Suggested Programmes: 2Create a Story	Coding – 6 Weeks Suggested Programmes: 2Code, Beebots, Scratch, Code.org.	Spreadsheets - 3 weeks Suggested Programmes: 2Calculate, Excel
		Pictograms- 4 weeks Suggested Programmes: 2Count	Maze Explorers 3 weeks Suggested Programmes: 2Go			Technology Outside School – 2 Weeks Suggested Programmes: Various
Year 2, 3 & 4 Cycle A Year 2 Scheme of Work	Coding - 5 weeks Suggested Programmes: Scratch, 2Code, Code.org	Spreadsheets - 4 weeks Suggested programmes: 2Calculate	Questioning - 5 weeks Suggested Programmes: 2Question/ 2Investigate	Creating Pictures Suggested Programmes: 2PaintaPicture	Making Music – 3 weeks Suggested Programmes: 2Sequence	Presenting Ideas – 4 weeks Suggested Programmes:

		Effective Searching 2 Weeks Suggested programmes: Browser				Various on Purple Mash, Word, PowerPoint.
Year 2, 3 & 4 Cycle B Year 3 Scheme of Work	Coding - 6 weeks Suggested Programmes: Scratch, 2Code, Code.org	Spreadsheets - 3 weeks Suggested programmes: 2Calculate, Excel	Touch Typing Suggested Programmes: 2Type	Email (including Email Safety) Suggested Programmes: 2Email, 2Connect, 2DIY	Branching Databases – 4 weeks Suggested Programmes: 2Question	Simulations – 3 weeks Suggested Programmes: 2Simulate, 2Publish
						Graphing – 3 weeks Suggested Programmes: 2Graph
Year 5 & 6 Cycle A Year 4 Scheme of Work	Coding - 6 weeks Suggested Programmes: Scratch, 2Code	Spreadsheets - 6 weeks Suggested programmes: 2Calculate, Excel	Writing for different Audiences - 5 weeks Suggested Programmes: 2Email, 2Connect, 2DIY	Coding – 4 Weeks Suggested Programmes: Scratch, 2Code	Animation – 3 Weeks Suggested Programmes: 2Animate	Effective Search – 2 weeks Suggested Programmes: Browser
						Hardware Investigators – 2 Weeks
Year 5 & 6 Cycle B Year 5 Scheme of Work	Coding - 6 weeks Suggested Programmes: Scratch, 2Code	Spreadsheets - 6 weeks Suggested programmes: 2Calculate, Excel	Databases - 5 weeks Suggested Programmes: 2Question, 2Investigate	Game Creator – 5 Weeks Suggested Programmes: 2DIY 3D	3D Modelling - 4 Weeks Suggested Programmes: 2Design and Make	Concept Maps – 4 weeks Suggested Programmes: 2Connect
						Word Processing with Microsoft Word – 2 Weeks Suggested Programmes: MS Word