



Rosley C of E School

COMPUTING LONG TERM PLAN 2022 - 2023



At Rosley CE Primary School, we use a range of resources (Teach Computing, Switched On & Barefoot Computing) to assist teacher planning. Below is an overview of the learning focus for each half term in each class. Pupils receive the equivalent of 1 hour per week of Computing lessons. Computing is taught in sequenced weekly lessons but is also taught across the curriculum, particularly in FS and KS1. Class teachers may choose to adapt the learning focus to suit their class but must ensure full coverage throughout the two-yearly cycle.

	Year A 2021 - 22			Year B 2022 - 23		
CLASS/YEAR	AUTUMN	SPRING	SUMMER	AUTUMN	SPRING	SUMMER
Class 1 YEARS R, 1 & 2	Technology around us	Moving a robot (Y1)	IT: Pictograms	Information Technology around us	Robot algorithms	Grouping data
	Online Safety (PSHE) Digital Painting	Online Safety Book Creator Digital Photographs	Online Safety Introduction to Animation	Online Safety Digital music	Online Safety Digital writing	Online Safety Programming quizzes
Class 2 YEARS 3 & 4	Computer Networks	Creativity	Programming - Blubots	Communication & Collaboration – We are communicators	Programming - Repetition in games	Productivity - We are opinion pollsters
	E- safety Programming – events and actions	E-safety Programming – sequencing sounds	E-safety Productivity – We are opinion pollsters	E-safety Creating media- photo editing	E-safety Productivity – branching databases	E-safety Creativity - Creating media



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Class 3 YEARS 5 & 6	Systems and networks - Communication	Programming - HTML	Creating media - Flat file databases	Productivity - We are architects	Creativity - We are artists Creating media- Vector drawing	Communication/ collaboration - We are interface designers
	Programming - We are Game Developers	Computer networks - We are Web Developers	Computational thinking - We are cryptographers	Programming - Repetition in games (Y4)	Programming - Selection in quizzes(Y5)	Programming - Selection using Physical devices
Events, Visits and Visitors		Safer Internet Day			Safer Internet Day	