



West End Primary School



Curriculum Map for Computing

Year group	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Nursery *Communication and language development activities, Personal, social and emotional development activities and physical development activities also support development of early computing skills	Story: Once There Were Giants	Story: Owl Babies	Story: Goldilocks And The Three Bears	Story: Humpty Dumpty	Story: Dear Zoo Handa's Surprise	Story: The Very Hungry Caterpillar
	Explore apps on Ipads			Explore music apps on ipad Take photos with an ipad		
Reception *Communication and language development activities, Personal, social and emotional development activities and physical development activities also support development of early computing skills	Story: My world, Your World Marvellous Me	Story: The Enormous Turnip Elmer	Story: Little Red Riding Hood The Great Fairytale Disaster	Story: Katie's Sunflowers The Tiny Seed	Story: Katie in London The Mirror	Story: Lucy Ladybird The Bad Tempered Ladybird
	Take photographs on ipads Retrieve information from digital devices	Explore digital painting apps	Fill in a digital picture	Change digital colour and brush sizes	Use tools to create a picture	
Y1	Creating media: Seasonal Changes Photography	Creating media: Digital art (Toy pictures)	Computer Science : Technology around us	Creating media: Digital writing	Data and information: Grouping data	Programming: Introduction to algorithms and programming basics
Y2	Apps and simulations (Data handling, drawing, animation, programming)	Creating media: Christmas cards with Word Art and borders	Creating media: Word processing	Programming: Using algorithms (Lightbot)	Data and Information: Branching Databases	Creating media: Digital imaging and editing (Veggie Tales)
Y3	Creating media: Digital imaging applying filters (My local area)	Programming 1: Turtle and Logo	Creating media: Posters (J2E)	Creating media: Chocolate packaging	Programming 2: Sequencing in music	Creating media: Animations (The Rainforest)

Y4	Creating media: Repeating patterns	Creating media: Powerpoints	Programming: Lego Explore	Programming: Lego Explore	Data and information: Branching databases	Computer science: The Internet
Y5	Programming 1: Physical computing - Crumble basics (World War 2)	Programming 2: Powerpoint: Selection in quizzes)	Programming 3: Designing games in Scratch (Ancient Egpyt)	Data and information: Databases	Creating media: Vector drawing (Raiders and Invaders)	Creating media: Designing a website (Habitats) Computing systems and networks: Searching
Y6	Progrrming: First Lego League	Programming: First Lego League	Creating media: 3D modelling		Data and information: Spreadsheets	Creating media: Audio production

Whole School Online Safety Focus (Project Evolve)

Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
Self Image and Identity	Online Relationships *Online bullying	Managing Online Information *Online reputation	Health, well-being and Lifestyle	Privacy and Security	Copyright and Ownership