

Burradon Computing LTP 26-27

Not mixed

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pre School	Keeping safe CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Showing attention to sounds and music Listen and respond to simple instructions Stacking blocks and cups Repeat actions that have an effect	Keeping safe CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Taking turns Listen and respond to simple instructions Copying Make repetitive sounds	Keeping safe CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Compare amounts Basic sequencing Listen and respond to simple instructions	Keeping safe CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Listen and respond to simple instructions Puzzles	Keeping safe CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Listen and respond to simple instructions Counting	Keeping safe E- CD player/iPad songs Exploration - toys and objects with different mechanisms (cause and effect) Compare sizes Develop manipulation and control Listen and respond to simple instructions Patterns
FS 1	E-Safety IWB- Games and songs	E-Safety IWB- Games and songs	E-Safety IWB- Games and songs Looking at Seesaw to record own learning	E-Safety IWB- Games and songs 2Simple - Class board	E-Safety IWB- Games and songs	E-Safety IWB- Games and songs Loose parts play: continue to sort and categorise

	Loose parts play: make comparisons (lengths, height, size) Follow short instructions (linked to algorithms and Beebots)	Follow short instructions (linked to algorithms and Beebots)	Loose parts play: make comparisons (lengths, height, size) Give a partner instructions (linked to algorithms and Beebots)	Follow instructions as part of a simple activity (handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	Loose parts play: begin to sort and categorise objects Follow instructions as part of a simple activity (handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	objects and say how they have been sorted. First Lego
FS 2	E-Safety IWB- 2Simple Beebots - (introduction) directional arrows	E-Safety including: PicCollage Beebots -giving instructions	E-Safety Using Seesaw to record own learning Beebots -giving instructions (precise algorithms)	E-Safety Logging on to computers 2Simple Beebots - precise algorithms. Debug with an adult.	E-Safety Word Processing Beebots - Simple commands - Continue to learn to debug instructions, with the help of an adult.	E-Safety First Lego
Year 1 Completing TC Year 1	E-Safety Computing systems and networks	E-Safety Creating Media - Digital painting	E-Safety Programming A - moving a robot	E-Safety Data and information - grouping data	E-Safety Creating Media - Digital writing	E-Safety including Programming animations
Year 2	E-Safety	E-Safety	E-Safety	E-Safety	E-Safety	E-Safety including:

Completing TC Year 2	Computing systems and networks - IT around us	Creating Media - Digital photography	Programming A - Robot Algorithms	Data and information - Pictograms	Creating Media - Digital music	Programming quizzes
Year 3 Completing TC Year 3	E-Safety Computing systems and networks - Connecting computers	E-Safety Creating Media - Stop frame animation	E-Safety Programming A - Sequencing sounds	E-Safety Data and information - Branching databases	E-Safety Creating Media - Desktop publishing	E-Safety First Lego Events and actions in programming
Year 4 Completing TC Year 4	E-Safety - Year 4 Computing systems and networks - The Internet	E-Safety - Year 4 Creating Media - Audio production	E-Safety - Year 4 Programming A - Repetition in Shapes	E-Safety - Year 4 Data and information - Data logging	E-Safety - Year 4 Programming B - Repetition in games	E-Safety - Year 4 Creating Media - Photo editing
Year 5 Completing TC Year 4	E-Safety - Year 4 Computing systems and networks - The Internet	E-Safety - Year 4 Creating Media - Audio production	E-Safety - Year 4 Programming A - Repetition in Shapes	E-Safety - Year 4 Data and information - Data logging	E-Safety - Year 4 Programming B - Repetition in games	E-Safety - Year 4 Creating Media - Photo editing
Year 6 Completing TC Year 4	E-Safety - Year 4	E-Safety - Year 4 Creating Media - Audio production	E-Safety - Year 4	E-Safety - Year 4 Data and information - Data logging	E-Safety - Year 4	E-Safety - Year 4

	Computing systems and networks - The Internet		Programming A - Repetition in Shapes		Programming B - Repetition in games	Creating Media - Photo editing
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Mixed

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FS 1	E-Safety IWB- Games and songs Loose parts play: make comparisons (lengths, height, size)	E-Safety IWB- Games and songs Follow short instructions (linked to algorithms and Beebots)	E-Safety IWB- Games and songs Looking at Seesaw to record own learning	E-Safety IWB- Games and songs 2Simple - Class board	E-Safety IWB- Games and songs Loose parts play: begin to sort and categorise objects	E-Safety IWB- Games and songs Loose parts play: continue to sort and categorise

	Follow short instructions (linked to algorithms and Beebots)		Loose parts play: make comparisons (lengths, height, size) Give a partner instructions (linked to algorithms and Beebots)	Follow instructions as part of a simple activity (handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	Follow instructions as part of a simple activity (handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	objects and say how they have been sorted. First Lego
FS 2	E-Safety IWB- 2Simple Beebots - (introduction) directional arrows	E-Safety including: PicCollage Beebots -giving instructions	E-Safety Using Seesaw to record own learning Beebots -giving instructions (precise algorithms)	E-Safety Logging on to computers 2Simple Beebots - precise algorithms. Debug with an adult.	E-Safety Word Processing Beebots - Simple commands - Continue to learn to debug instructions, with the help of an adult.	E-Safety First Lego
Year 1 Completing TC Year 1	E-Safety Computing systems and networks	E-Safety Creating Media - Digital painting	E-Safety Programming A - moving a robot	E-Safety Data and information - grouping data	E-Safety Creating Media - Digital writing	E-Safety including Programming animations
Year 2 Completing TC Year 2	E-Safety	E-Safety	E-Safety	E-Safety	E-Safety	E-Safety including: Programming quizzes

	Computing systems and networks - IT around us	Creating Media - Digital photography	Programming A - Robot Algorithms	Data and information - Pictograms	Creating Media - Digital music	
Year 3 Completing TC Year 3	E-Safety Computing systems and networks - Connecting computers	E-Safety Creating Media - Stop frame animation	E-Safety Programming A - Sequencing sounds	E-Safety Data and information - Branching databases	E-Safety Creating Media - Desktop publishing	E-Safety Events and actions in programming
Year 4 Completing TC Year 4	E-Safety - Year 4 Computing systems and networks - The Internet	E-Safety - Year 4 Creating Media - Audio production	E-Safety - Year 4 Programming A - Repetition in Shapes	E-Safety - Year 4 Data and information - Data logging	E-Safety - Year 4 Programming B - Repetition in games	E-Safety - Year 4 Creating Media - Photo editing
Year 5/6 Completing TC Year 4	E-Safety - Year 4 Computing systems and networks - The Internet	E-Safety - Year 4 Creating Media - Audio production	E-Safety - Year 4 Programming A - Repetition in Shapes	E-Safety - Year 4 Data and information - Data logging	E-Safety - Year 4 Programming B - Repetition in games	E-Safety - Year 4 Creating Media - Photo editing

23-24 Y2	Year 2
24-25 Y3 (3/4 4/5)	Year 5

23-24 Y3	Year 3
24-25 Y4 (3/4 4/5)	Year 5

