

Little Thurrock Primary School



Computing

Curriculum Overview Long Term Plan 2023 - 24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Technology in the home E-safety seeing online content	Music algorithms- linked to fireworks and Diwali	Practical sorting and grouping E-safety seeing online content	Algorithms Following 2 step instructions	Media- Taking photos with the I-pad E-safety seeing online content	Handling data Grouping and sorting sea shells
Rec	Technology in the home e-safety seeing online content	Music algorithms- linked to fireworks and Diwlai How to drag and drop	Sorting and grouping animals	Algorithms Coding blocks Algorithms Jam sandwich	Creating patterns Martha monkey sequencing	Handling data E-safety-sharing images
Year 1	Technology around us	Coding - Moving a robot	Coding - Programming animation	Data collection - Grouping data	Media - Digital painting	Media & Modelling - Digital writing
Year 2	Information Technology Around Us	Digital Photography	Robot Algorithms	Data, Information and Pictograms	Creating Media Making Music	An introduction to quizzes
Year 3	Connecting computers	Stop Frame Animation	Sequence in music	Branching databases	Desktop Publishing	Events and actions
Year 4	Computing systems and Networks - The internet	Creating media –audio editing	Creating media-photo editing	Data and information Data logging	Programming - Repetition in shape	Programming - Repetition in game
Year 5	Sharing Information	Video Editing	Selection in physical computing	Flat file databases	Vector drawing	Selection in quizzes
Year 6	Computing Systems and Networks Communication	Web page creation	Variables in games	Introduction to spreadsheets	3D modelling	Programming Sensing