St Giles C.E Primary School – Curriculum for Computing

Long term plan showing coverage of National Curriculum objectives (two-year curriculum cycle due to mixed age classes)

Year A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Class 1	Children receive discrete instruction and are provided with opportunities to apply their learning (including how to stay safe)					
Class 2	Computing systems and networks – IT all around us	Creating media – Digital photography	Programming A – Robot algorithms	Data and information - Pictograms	Creating media – Digital music	Programming B – Programming quizzes
Class 3	Computing systems and networks – The Internet	Creating media – Audio production	Programming A – Repetition in shapes	Data and information – Data logging	Creating media – Photo editing	Programming B – Repetition in games
Class 4	Computing systems and networks – Communication and collaboration	Creating media – Web page creation	Programming A – Variables in games	Data and information – Introduction to spreadsheets	Creating media – 3D modelling	Programming B – Sensing movement

Year B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Class 1	Children receive discrete instruction and are provided with opportunities to apply their learning (including how to stay safe)					
Class 2	Computing systems and networks – Technology all around us	Creating media – Digital painting	Programming A – moving a robot	Data and information – Grouping data	Creating media – Digital writing	Programming B – Programming animations
Class 3	Computing systems and networks – Connecting computers	Creating media – Stop frame animation	Programming A – Sequencing sounds	Data and information – Branching databases	Creating media – Desktop publishing	Programming B – Events and actions in programs
Class 4	Computing systems and networks – Systems and searching	Creating media – Video production	Programming A – Selection in physical computing	Data and information – Flat-file databases	Creating media – Introduction to vector graphics	Programming B – Selection in quizzes