St Peter's Catholic Primary School

Computing Long-Term Plan

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Computing systems and networks- Technology around us	Creating media- digital painting	Programme A- moving a robot	Data and information- Grouping data	Creating media- Digital writing	Programming B- Programming animations
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 B- Programming quizzes
Year 3	Computing Systems and networks – Connecting computers	Creating Media- stop frame animation	Programming A- Sequencing sounds	Data and information- Branching data bases	Creating media- Desktop publishing	Programming B- Events and actions in programs
Year 4	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
Year 5	Computing systems and networks- Systems and searching	Creating Media- Selection in physical computing	Programming A- Flat-file databases	Data and information- introduction to vector graphics	Creating Media- Selection in quizzes	Programming B
Year 6	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