Computing Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Technology Around Us You could be an ICT technician	Creating Media- Digital Painting You could be a digital painter	Programming A – Moving a robot You could be a computer programmer	Data and information – grouping data You could be a data analyst	Creating media – Digital writing You could be a publisher	Programming B – Introduction to animation You could be a professional animator
Year 2	Computing systems and networks – IT around us You could be an ICT technician	Creating media – Digital photography You could be a photographer	Programming A – Robot algorithms You could be a robotics designer	Data and information – Pictograms You could be a data analyst	Creating media – Making music You could be a professional digital music maker	Programming B – An introduction to quizzes You could be a professional quiz maker
Year 3	Connecting Computers You could be an ICT technician	Creating media – Animation You could be a professional animator	Programming A – Sequence in music You could be a musician	Data and information – Branching databases You could be a data analyst	Creating media – Desktop publishing	Programming B – Events and actions
Year 4	Computing systems and networks – The Internet You could be an ICT technician	Microsoft Office 365- Website Design You could be a website designer	Programming A – Repetition in shapes You could be a colourist (wall paper designer)	Data and information – Data logging	Creating media – Photo editing You could be a photographer	Programming B – Repetition in games You could be a game designer
Year 5	Computing systems and networks – Sharing information You could be an ICT technician	Creating media – Video editing You could be a video editor	Programming - Scratch You could be a computer programmer	Data and information – Flat-file databases	Creating media – Vector drawing You could be a designer	Programming B – Selection in quizzes

| Year 6 | Computing systems and networks – Communication **You could be an ICT technician** | Web page creation **You could be a website designer** | Programming A – Variables in games **You could be a computer programmer** | Introduction to spreadsheets **You could be a secretary** | Creating media- 3D modelling **You could be a computer programmer** | Programming B – Sensing |