Subject overview for Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	During the year in Reception, children develop the following skills linking into their current topics: ● understanding algorithms (using Beebots and remote control cars), and learning that buttons have a cause and effect (e.g. sound) ● typing ● basic computer skills e.g. turning the computer on and off, clicking and dragging ● saving their work and storing files (in their Mini Mash 'trays') ● using other technology e.g. torches, cameras ● creating digital artwork Children practise these skills throughout the year to consolidate them.					
Year 1	Unit 1.1 Online Safety & Exploring PurpleMash Unit 1.2 Grouping & Sorting	Unit 1.3 Pictograms Unit 1.4 Lego Builders	Unit 1.5 Maze Explorers	Unit 1.6 Animated Story Books	Unit 1.7 Coding	Unit 1.8 Spreadsheets Unit 1.9 Technology outside school
Year 2	Unit 2.6 Creating Pictures	Unit 2.1 Coding	Unit 2.2 Online Safety Unit 2.3 Spreadsheets	Unit 2.4 Questioning	Unit 2.5 Effective Searching Unit 2.7 Making Music	Unit 2.8 Presenting Ideas
Year 3	Unit 3.1 Coding	Unit 3.2 Online safety Unit 3.3 Spreadsheets	Unit 3.4 Touch Typing	Unit 3.5 Email (including email safety)	Unit 3.6 Branching Databases	Unit 3.7 Simulations Unit 3.8 Graphing
Year 4	Unit 4.1 Coding	Unit 4.2 Online safety Unit 4.8 Hardware Investigators	Unit 4.3 Spreadsheets	Unit 4.4 Writing for different audiences	Unit 4.5 Logo	Unit 4.6 Animation Unit 4.7 Effective Search
Year 5	Unit 5.1 Coding	Unit 5.2 Online safety Unit 5.7 Concept Maps	Unit 5.3 Spreadsheets	Unit 5.4 Databases	Unit 5.5 Game Creator	Unit 5.6 3D Modelling
Year 6	Unit 6.1 Coding	Unit 6.2 Online safety Unit 6.6 Networks	Unit 6.3 Blogging	Unit 6.4 Spreadsheets	Unit 6.5 Text Adventures	Unit 6.7 Quizzing