



Computing Long term Plan 2022-24

Subject and Topic	Reception	Year 1/2	Year 1/2	Year 3/4	Year 3/4	Year 5/6	Year 5/6
Computing	<p>These objectives will be covered during child initiated play and teacher led time in the computer suite</p> <p>Knows how to operate simple equipment (turns on and uses cd player)</p> <p>Knows that information can be retrieved from computers</p> <p>Completes a simple computer programme (this will also be the IWB)</p> <p>Recognises a range of technology is used in home and schools</p> <p>Ongoing - online safety.</p>	<p>Unit 1a: Computing systems and networks - Technology around us</p> <p>Unit 2a: Creating media - Digital painting</p> <p>Unit 3a: Programming A - Moving a robot</p> <p>Unit 4a: Data and information - Group data</p> <p>Unit 5a: Creating media - Digital writing</p> <p>Unit 6a: Programming B - Programming animation</p> <p>Ongoing - online safety.</p>	<p>Unit 1b: Computing systems and networks - Information technology around us</p> <p>Unit 2b: Creating media - Digital photography</p> <p>Unit 3b: Programming A - Robot algorithms</p> <p>Unit 4b: Data and information - Pictograms</p> <p>Unit 5b: Creating media - Digital music</p> <p>Unit 6b: Programming B - Programming quizzes</p> <p>Ongoing - online safety.</p>	<p>Unit 1a: Computing systems and networks - Connecting computers</p> <p>Unit 2a: Creating media - Stop frame animation</p> <p>Unit 3a: Programming A - Sequencing sounds</p> <p>Unit 4a: Data and information - Branching databases</p> <p>Unit 5a: Creating media - Desktop publishing</p> <p>Unit 6a: Programming B - Events and actions in programs</p> <p>Ongoing - online safety.</p>	<p>Unit 1b: Computing systems and networks - The internet</p> <p>Unit 2b: Creating media - Audio production</p> <p>Unit 3b: Programming A - Repetition in shapes</p> <p>Unit 4b: Data and information - data logging</p> <p>Unit 5b: Creating media - Photo editing</p> <p>Unit 6b: Programming B - Repetition in games</p> <p>Ongoing - online safety.</p>	<p>Unit 1a: Computing systems and networks - Systems and searching us</p> <p>Unit 2a: Creating media - Video production</p> <p>Unit 3a: Programming A - Selection in physical computing</p> <p>Unit 4a: Data and information - Flat-file database</p> <p>Unit 5a: Creating media - Introduction to vector graphics</p> <p>Unit 6a: Programming B - Selection in quizzes</p> <p>Ongoing - online safety.</p>	<p>Unit 1b: Computing systems and networks - Communication and collaboration</p> <p>Unit 2b: Creating media - Webpage creation</p> <p>Unit 3b: Programming A - Variables in games</p> <p>Unit 4b: Data and information - Introduction to spreadsheets</p> <p>Unit 5b: Creating media - 3D modelling</p> <p>Unit 6b: Programming B - Sensing movement</p> <p>Ongoing - online safety.</p>