

Year 4, 5 and 6 Computing Long Term Plan

	Autumn	Spring	Summer
	Ongoing through year – Use of 2type and other online games (BBC Dancemat) to improve typing skills		
2017-2018	<p>1st Half-term E-Safety/To Connect Year 4: Unit 4.2 Online Safety- Sharing knowledge of online safety (Could use PowerPoint for presentation) Year 5: Unit 5.2 Online Safety- Create a comic strip about online safety Year 6: Unit 6.2 Online Safety- Make an online safety themed game, know the features of blogging safely.</p> <p>To Code Year 4: Unit 4.1 Coding <i>or</i> 'Espresso Coding' Y4 Starter Unit – 'Overview of all main concepts so far' Year 5: Unit 5.1 Coding 'Espresso Coding' Y5 Starter Unit – 'Overview of all main concepts so far' Year 6: Unit 6.1 Coding 'Espresso Coding' Y6 Starter Unit – 'Overview of all main concepts so far'</p> <p>2nd Half Term To Connect: Year 4: Unit 4.4 Writing for different audiences (2Email, 2Connect, 2DIY) Year 5: 5.7 Concept Maps (2Connect) Year 6: 6.7 Quizzing (2Quiz, 2DIY, Text Toolkit, 2Investigate)</p>	<p>1st Half-term To Code Year 4: Unit 4.1 Coding <i>or</i> 'Espresso Coding' Unit 4a – "Introduction to Variables" Year 5: Unit 5.1 Coding <i>or</i> Espresso Coding Unit 5a- Speed, Direction and Coordinates. Year 6: Unit 6.1 Coding <i>or</i> 'Espresso Coding' Unit 6a- More Complex Variables.</p> <p>To Collect Year 4: Unit 3.6 Branching Databases (2Question) Year 5/Year 6 Unit 5.4 Data Bases (2Question and 2Investigate)</p> <p>2nd Half Term To Connect/ To Communicate Year 4: Unit 4.7 Effective Search (Browser) Unit 4.6 Animation (2Animate) Year 5: Unit 5.5 Games Creator (2DIY 3D) Year 6: Unit 6.4 Blogging (2Blog) All: Unit 5.6 3D Modelling</p>	<p>1st Half-term To Code Year 4: Unit 4.1 Coding <i>or</i> 'Espresso Coding' Unit 4b – Repetition and Loops Year 5: Unit 5.1 Coding <i>or</i> Espresso Coding Unit 5b- Random Number and Simulations. Year 6: Unit 6.1 Coding <i>or</i> 'Espresso Coding' Unit 6b- Object properties.</p> <p>To collect: Introduction to spreadsheets, simple formula, formatting of cells etc.</p> <p>2nd Half Term To collect: Class investigation/ Topic related task. Chn begin to use Excel to create a simple table and produce a graph.</p> <p>To communicate: Use animation packages (Pivot/2Animate/MS Moviemaker) to create short movies. Use Sketch-up to create 3D models of places visited or being studied through topic work.</p>