

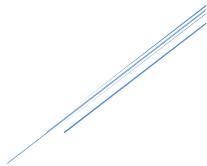


Computing Curriculum Overview

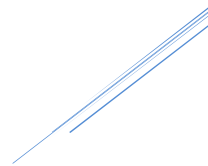
At Winslow CE School our Computing curriculum will enable pupils to develop:

- Competence in coding for a variety of practical and inventive purposes, including the application of ideas within other subjects.
- The ability to connect with others safely and respectfully, understanding the need to act within the law and with moral and ethical integrity.
- An understanding of the connected nature of devices.
- The ability to communicate ideas well by using applications and devices throughout the curriculum.
- The ability to collect, organise and manipulate data effectively.

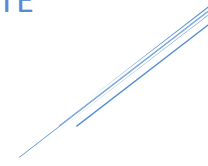
CODE



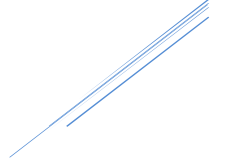
CONNECT



COMMUNICATE



COLLECT



Computing Curriculum Overview



	Autumn	Spring	Summer
Year 1	<p>1.1: Online safety + exploring Purple mash (various) 4wks Communication and Networks Internet and Email</p> <p>1.2: Grouping & sorting (2DIY) 2wks Coding & Computational thinking</p> <p>1.3: Pictograms (2Count) 3wks Databases & Graphing</p> <p>1.4: Lego Builders (2DIY) 3wks Coding & Computational thinking</p> <p>Computing Skills: Use a range of applications and devices in order to communicate ideas, work and messages.</p>	<p>1.5: Maze Explorers (2Go) 3wks Coding & Computational Thinking</p> <p>1.6: Animated story books (2Createastory) 5wks Art & Design</p> <p>1.7: Coding (2Code) 6wks Coding & Computational Thinking</p>	<p>1.7: Coding (2Code) cont. total 6wks Coding & Computational thinking</p> <p>1.8: Spreadsheets (2Calculate) 3wks Spreadsheets</p> <p>1.9: Technology outside school (various) 2wks Communication and networks</p>
Year 2	<p>2.1: Coding (2Code) 5wks Coding & Computational thinking</p> <p>2.2: Online safety (various) 3wks Internet & Email</p> <p>2.3: Spreadsheets (2Calculate) 4wks Spreadsheets</p>	<p>2.4: Questioning (2Question, 2Investigate) 5wks Databases & Graphing</p> <p>2.5: Effective searching (Browser) 3wks Internet & Email</p>	<p>2.6: Creating pictures (2Paintapicture) 5wks Art & Design</p> <p>2.7: Making music (2Sequence) 3wks Music</p> <p>2.8: Presenting ideas (various) 4wks Writing & Presenting</p> <p>Computing Skills: Use a range of applications and devices in order to communicate ideas, work and messages.</p>
Year 3	<p>3.1: Coding (2Code) 6wks Coding & Computational thinking</p> <p>3.2: Online safety (various) 3 wks Internet & Email</p> <p>3.3: Spreadsheets (2calculate) 3wks Spreadsheets</p>	<p>3.4: Touch typing (2Type) 4wks Writing & Presenting</p> <p>3.5: Email + email safety (2Email, 2Connect, 2DIY) 6wks Internet & Email</p> <p>Computing Skills:</p>	<p>3.6: Branching databases (2Question) 4wks Databases & Graphing</p> <p>3.7: Simulations (2Simulate, 2Publish) 3wks Communication & Networks</p> <p>3.8: Graphing (2Graph) 3wks Databases & Graphing</p>

Computing Curriculum Overview



		Use a range of applications and devices in order to communicate ideas, work and messages.	
Year 4	<p>4.1: Coding (2Code) 6wks Coding & Computational thinking</p> <p>4.2: Online safety (various) 4wks Internet & Email</p> <p>4.3: Spreadsheets (2Calculate) 6wks Spreadsheets</p>	<p>4.3: Spreadsheets (2Code) cont. total 6wks Spreadsheets</p> <p>4.4: Writing for different audiences (2Email, 2Connect, 2DIY) 5wks Writing & Presenting</p> <p>4.5: Logo (Logo ;-)) 4wks Coding & Computational thinking</p> <p>Computing Skills: Use a range of applications and devices in order to communicate ideas, work and messages.</p>	<p>4.6: Animation (2Animate) 3wks Art & Design</p> <p>4.7: Effective searches (browser) 3wks Internet & Email</p> <p>4.8: Hardware investigators (various) 2wks Communication & Networks</p>
Year 5	<p>5.1: Coding (2Code) 6wks Coding & Computational thinking</p> <p>5.2: Online safety (various) 3wks Internet & Email</p> <p>5.3: Spreadsheets (2Calculate) 6wks Spreadsheets</p>	<p>5.4: Databases (2Question, 2Investigate) 4wks Databases & Graphing</p> <p>5.5: Game creator (2DIY 3D) 5wks Art & Design</p>	<p>5.6: 3D modelling (2Design&make) 4wks Art & Design</p> <p>5.7: Concept maps (2Connect) 4wks Writing & Presenting</p> <p>Computing Skills: Use a range of applications and devices in order to communicate ideas, work and messages.</p>
Year 6	<p>6.1: Coding (2Code) 6wks Coding & Computational thinking</p> <p>6.2: Online safety (various) 2wks Internet & Email</p> <p>6.3: Spreadsheets (2Calculate) 5wks Spreadsheets</p> <p>Computing Skills: Use search technologies effectively, appreciate how results are selected and</p>	<p>6.4: Blogging (2Blog) 5wks Writing & Presenting</p> <p>6.5: Text adventures (2Code, 2Connect) 5wks Coding & Computational thinking</p> <p>Computing Skills: Use a range of applications and devices in order to communicate ideas, work and messages.</p>	<p>6.6: Networks (various) 3wks Communication & Networks</p> <p>6.7: Quizzing (2Quiz, 2DIY, text toolkit, 2Investigate) 6wks Writing & Presenting</p> <p>6.8: Understanding binary (optional) 4wks Coding & Computational thinking</p>

Computing Curriculum Overview



	ranked, and be discerning in evaluating digital content. (6.2)		
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