



Oxford Gardens Primary School Computing Curriculum

2019 - 20



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Internet Safety/ extra units
Year 1	IT	Computer science Algorithms	Digital literacy	Computer science Programming	Computer science Simulation/gaming	IT	Internet Safety
	Cyber walk (intro to keyboard and computer skills) <i>3BM 3 lessons</i> Sharing my Iceberg work? <i>3BM 2 lessons (blogging)</i>	What is an algorithm? <i>3BM 3 lessons</i> Design a plate <i>3BM 3 lessons</i> Drive carefully <i>3BM 2 lessons</i>	Smartie the penguin <i>3BM 2 Lessons</i> How does your garden grow? (safe searching) <i>3BM 1 lesson</i>	I can code <i>3BM 4 lessons</i> Making toast <i>3BM 1 lesson</i>	I'm a problem solver <i>3BM 3 lessons</i> Make own games using 2DIY - 3 weeks - design a game each week relating to IPC topic.	Robot Words Using a word bank <i>3BM 2/3 lessons</i> I can sort objects Data handling <i>3BM 4 lessons</i>	Who painted this? <i>3BM 2 lessons</i>
Year 2	IT	Computer science Algorithms	Digital literacy	Computer science Programming	Computer science Simulation/gaming	IT	Internet Safety
	Do you like my blog? <i>3BM 2 lessons (blogging)</i> Emailing Grandma (using 2simple 2email) <i>3BM 2 lessons</i> (Use through PurpleMash) Getting to school safely - graphs <i>3BM 2 lessons (IT)</i>	Demolition turtle <i>3BM 4 lessons</i> Mini-beasties <i>3BM 4 lessons</i>	Digiducks dilemma <i>3BM 2 Lessons</i> Find out about... (safe searching) <i>3BM 2 lessons</i> Words, words, words - terminology <i>3BM 1 lesson (CS)</i>	I can debug <i>3BM 5 lessons</i>	What's wrong with this game? <i>3BM 2 lessons</i> How does that work? <i>3BM 2 lessons</i>	Say no to graffiti <i>3BM 3 lessons</i> Finding out about us <i>3BM 3 lessons (DL)</i>	Let's send a message <i>3BM 2 lessons</i>



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Year 3	Digital Literacy Communication/Emails	Computer science Algorithms	Digital literacy	Computer science Programming	Computer science Simulation/gaming	IT	Internet Safety
	<p>Do you like my presentation? <i>3BM 3 Lessons</i></p> <p>Journey of an email <i>3BM 2/3 Lessons (3BM completing update for this unit in September)</i></p>	<p>Can your robot make shapes? <i>3BM 4 Lessons</i></p> <p>See and hear my mix (Movie Maker) <i>3BM 4 Lessons</i></p>	<p>Would I lie to you? <i>3BM 3 Lessons</i></p> <p>Safe searching with Dongle <i>3BM 3 Lessons</i></p>	<p>I can use block coding <i>3BM 5 lessons</i></p>	<p>Create a duck and fly it <i>3BM 2 Lessons</i></p> <p>I can make my own game using 2DIY <i>3BM 2 Lessons</i></p> <p>Creating a Tessellation <i>3BM 2 lessons (in Yr 4 last year)</i></p>	<p>Finding out about healthy habits <i>3BM 3 lessons</i></p> <p>I can make an animation <i>3BM 3 lessons</i></p>	<p>Messaging Strangers <i>3BM 1 Lesson</i></p> <p>(If time review Let's send a message from Year 2 first)</p>
Year 4	Digital Literacy Communication/Emails	Computer science Algorithms	Digital literacy	Computer science Programming	Computer science Simulation/gaming	IT	Internet Safety
	<p>Internet Search and presentation <i>3BM 4-7 Lessons</i></p>	<p>Logo turtle mania <i>3BM 6 Lessons</i></p>	<p>Email Lesson <i>2 Lessons</i></p> <p>My exciting world landmarks (IT/Digital Lit) <i>3BM3/4 Lessons</i></p>	<p>I can make a game using j2code <i>4 Lessons</i></p> <p>Words, words, words. <i>3BM 1 Lesson</i></p>	<p>Apple hunt <i>3BM 2 lessons</i></p> <p>Dance, Dance, Dance with Scratch <i>3BM 3 Lessons</i></p>	<p>Graphical Unit (PIXELAR) <i>3BM 2 lessons</i></p> <p>What's a spread sheet? <i>3BM 3 lessons</i></p>	<p>Internet scenario card (social networking) <i>3BM 1 Lesson</i></p>
Year 5	Digital Literacy Communication/Emails	Computer science Algorithms	Digital literacy	Computer science Programming	Computer science/DL Simulation/gaming	IT	Internet Safety
	<p>Tell me a joke <i>3BM 2 Lessons</i></p> <p>Design a poster <i>3BM 3 Lessons</i></p>	<p>Logo block of flats <i>3BM 5 lessons</i></p>	<p>Stop! Check! <i>3BM 3 Lessons</i></p> <p>Can you finish my story? <i>3BM 2 Lessons</i></p>	<p>Starting with Scratch <i>3BM 4 Lessons</i></p> <p>Words, words, words. <i>3BM 1 Lesson</i></p>	<p>Are you a cyber-superhero? <i>3BM 2/3 Lessons</i></p> <p>Building a sustainable house <i>3BM 3 Lessons</i></p>	<p>Simply Delicious (Spreadsheets) <i>3BM 5 lessons</i></p> <p>What is the internet? <i>3BM 2 lessons</i></p>	<p>Internet scenario card (Gaming) <i>3BM 1 Lesson</i></p>



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Year 6	Computer science Algorithms	Digital literacy/IT	Digital literacy	Computer science Programming	IT	Computer science Simulation/gaming	Internet Safety
	Logo patterns <i>3BM 4 Lessons</i>	Do you agree? <i>3BM 3 Lessons (IT)</i>	How can we trust the internet? <i>3BM 3-5 Lessons</i>	Have fun with Scratch <i>3BM 4 Lessons</i>	I can make an animation (Stop frame animation) <i>3BM 5 lessons</i>	Codebugs (Programming a min- controller board) <i>3BM 4 lessons</i>	Internet scenario card (Personal Information) <i>3BM 1 lesson</i>
	Searching, searching (How the internet works) <i>3BM 2/3 Lessons</i>	Developing Sketch- Up <i>3BM 3 Lessons</i>	How fake is that? <i>3BM 2/3 Lessons</i>	Words, Words, Words <i>3BM 1 Lesson</i> <i>(Unlikely to cover- SATs revision in its place)</i>	Party Time (Spread sheets) <i>3BM 4 lessons</i> <i>Use to plan end of Year activities if time.</i>		