



Oxford Gardens Primary School Computing Curriculum

2021-2022



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Internet Safety/ extra units
Year 1	IT	Computer science Algorithms/ Programming	Digital literacy	Computer science Algorithms/ 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 5 lessons</i> <i>*updated for 2021</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>	Design a plate <i>3BM 3 lessons</i> Fly carefully <i>3BM 2 lessons</i>	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 2/3 Following Y3 curriculum	IT Communication/Emails	Computer science Algorithms/ Programming	Digital Literacy	Computer Science Algorithms/ Programming	Computer Science Stimulation/ Gaming IT Repeating patterns/ music composition	IT	Internet Safety
	Do you like my presentation? <i>3BM 3 Lessons</i> Journey of an email <i>3BM 2/3 Lessons</i>	Can your robot make shapes? <i>3BM 4 Lessons</i> See and hear my mix (Movie Maker) <i>3BM 4 Lessons</i>	Would I lie to you? <i>3BM 3 Lessons</i> Safe searching with Dongle <i>3BM 3 Lessons</i>	I can use block coding <i>3BM 5 lessons</i>	Exploring how things work <i>3BM 2 lessons</i> <i>*New for 2021</i> Creating a Tessellation <i>3BM 2 lessons</i> I'm a composer <i>3BM 2 lessons</i> <i>*New for 2021</i>	Finding out about me <i>3BM 5 lessons</i> <i>*New for 2021</i> I can make an animation <i>3BM 3 lessons</i>	Messaging Strangers <i>3BM 1 Lesson</i> (If time review Let's send a message from Year 2 first)
Year 4	Digital Literacy Communication/Emails	Computer science Algorithms/ Programming	Digital literacy	Computer science Algorithms/ Programming	Computer science Simulation/gaming	IT	Internet Safety



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	Internet Search and presentation <i>3BM 4-7 Lessons</i>	Logo turtle mania <i>3BM 6 Lessons</i>	Email Lesson <i>2 Lessons</i> My exciting world landmarks (IT/Digital Lit) <i>3BM3/4 Lessons</i>	I can make a game using j2code <i>4 Lessons</i> Words, words, words. <i>3BM 1 Lesson</i>	Apple hunt <i>3BM 2 lessons</i> Dancing with Scratch <i>3BM 3 Lessons</i>	Creating an alien landscape (PIXELAR) <i>3BM 3 lessons</i> What's a spread sheet? <i>3BM 3 lessons</i>	Internet scenario card (social networking) <i>3BM 1 Lesson</i>
Year 5	Digital Literacy Communication/Emails	Computer science Algorithms/ Programming	Digital literacy	Computer science Algorithms/ Programming	Computer science/DL Simulation/gaming	IT	Internet Safety
	Tell me a joke <i>3BM 2 Lessons</i> Design a poster <i>3BM 3 Lessons</i>	Logo shapes and patterns <i>3BM 5 lessons</i>	Stop! Check! <i>3BM 3 Lessons</i> Can you finish my story? <i>3BM 2 Lessons</i>	<i>Game creation with Scratch</i> <i>3BM 4 Lessons</i> Words, words, words. <i>3BM 1 Lesson</i>	Are you a cyber-superhero? <i>3BM 2/3 Lessons</i> Building a sustainable house <i>3BM 3 Lessons</i>	Simply Delicious (Spreadsheets) <i>3BM 5 lessons</i> What is the internet? <i>3BM 2 lessons</i>	Internet scenario card (Gaming) <i>3BM 1 Lesson</i>
Year 6	Computer science Algorithms	Digital literacy/IT Algorithms/ Programming	Digital literacy	Computer science Algorithms/ Programming	IT	Computer science Simulation/gaming	Internet Safety
	Logo Block of flats <i>3BM 4 Lessons</i> Searching, searching (How the internet works) <i>3BM 2/3 Lessons</i>	Do you agree? <i>3BM 3 Lessons (IT)</i> Let's design in 3D (year 5 lesson as intro) 2 Lessons <i>*New for 2021</i> Let's design and combine (Sketch-Up) <i>3BM 3 Lessons</i>	How can we trust the internet? <i>3BM 3-5 Lessons</i> How fake is that? <i>3BM 2/3 Lessons</i>	Have fun with Scratch <i>3BM 4 Lessons</i> Words, Words, Words <i>3BM 1 Lesson (Unlikely to cover- SATs revision in its place)</i>	I can make an animation (Stop frame animation) <i>3BM 5 lessons</i> Party Time (Spread sheets) <i>3BM 4 lessons</i> <i>Use to plan end of Year activities if time.</i>	Microbits <i>3BM lessons or follow planning from last year</i> <i>OR</i> <i>Robot rampage 3BM 5 lessons using school mbots</i> <i>*New for 2021</i>	Internet scenario card (Personal Information) <i>3BM 1 lesson</i>



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*Year 2/3 to follow Year 3 curriculum this year (2021-22) and the Year 2 curriculum next academic year (2022-23).