

Whole School Computing Yearly Overview

	Autumn 1 & 2	Spring 1 & 2	Summer 1 & 2
EYFS	Computer Science <ul style="list-style-type: none"> • Early programming Information Technology <ul style="list-style-type: none"> • Digital art and design 	Computer Science <ul style="list-style-type: none"> • Early programming Information Technology <ul style="list-style-type: none"> • Early digital music 	Computer Science <ul style="list-style-type: none"> • Early programming Information Technology <ul style="list-style-type: none"> • Mouse and keyboard skills
Year 1	Computer Science <ul style="list-style-type: none"> • Introduce Programming - iLearn 2 Act. 1-6 Information Technology <ul style="list-style-type: none"> • Word-processing - Mouse and keyboard skills unit iLearn 2 Act. 1-6 • Data Handling - 2Count/2Graph - D&T/Maths (Starting from Academic year 2023-24) 	Computer Science <ul style="list-style-type: none"> • Programming: physical devices - bee-bots/Kodable/hour of code (Spring 2) Information Technology <ul style="list-style-type: none"> • Word-processing - 2Simple/2Publish - English • Text and Images iLearn 2 Act 1-3 (Spring 1) 	Computer Science <ul style="list-style-type: none"> • Programming - iLearn2 Activities 7&8 Information Technology <ul style="list-style-type: none"> • Word-processing - 2Simple/2Publish - English • Sound - iLearn2 - Music Creator
Digital Literacy/E-Safety (Covered in Computing and PSHE) The spiral E-Safety curriculum covers the following strands, across all year groups: Self-image and identity Online Relationships Online Reputation Online bullying Managing Online information Health, well-being and lifestyle Privacy and security Copyright and Ownership			
Year 2	Computer Science <ul style="list-style-type: none"> • Develop Programming (iLearn2) Information Technology <ul style="list-style-type: none"> • Word-processing skills (Twinkl & iLearn2) 	Computer Science <ul style="list-style-type: none"> • Programming with Scratch Junior (iLearn2) Information Technology <ul style="list-style-type: none"> • Word-processing skills (Twinkl & iLearn2) • Animation - ChatterPix Kids APP or Animate Anything APP - Create animated rainforest animals, interviewing rainforest animals. 	Computer Science <ul style="list-style-type: none"> • Use of IT (iLearn2) Information Technology <ul style="list-style-type: none"> • Word-processing skills (Twinkl & iLearn2) • Presentation -Google Expeditions and I Movie APP - Create interactive animations of the different world habitats.
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Year 3	Computer Science <ul style="list-style-type: none"> • Programming with Scratch • Computer Networks (KS2 only) Information Technology <ul style="list-style-type: none"> • Word-processing/computer skills • Presentation - Keynote - Stone Age to Iron Age timeline 	Computer Science <ul style="list-style-type: none"> • Computational Thinking/Programming - Scratch 3 - Interactive Map of Manchester and its landmarks Information Technology <ul style="list-style-type: none"> • Word-processing/computer skills - Document editing and creation • Animation - AnimateAnything - UK Regions & Cities 	Computer Science <ul style="list-style-type: none"> • Programming in Kodu Information Technology <ul style="list-style-type: none"> • Word-processing/computer skills • Video Creation - AppleClips - How to Mummify a Pharaoh

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Year 4	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming in Scratch - Rivers Quiz ● Computer Networks (KS2 only) <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Presentation - Keynote - The Watercycle 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming a Roman Invasion Animation <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Data handling 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Computer Networks - Internet research services <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Video editing ● E book Creation ● 3D Design
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Year 5	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming in Scratch <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills - The computer keyboard and touch typing. ● E-Book creation 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Text-based programming <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Computer Networks and the Internet ● App design ● Data handling 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming physical devices <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Music creation
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Year 6	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming in Scratch and Binary Code ● Computers, past, present and future (Computer Networks on iLearn2) <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills (1 lesson) ● Presentation – web creation 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming in Python <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Image editing 	<p>Computer Science</p> <ul style="list-style-type: none"> ● Programming in HTML <p>Information Technology</p> <ul style="list-style-type: none"> ● Word-processing/computer skills ● Graphic design
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