

Curriculum Map

Computing		Term					
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
		Learner Disposition Focus: Resilient	Learner Disposition Focus: Thinkers	Learner Disposition Focus: Self Managers	Learner Disposition Focus: Communicators	Learner Disposition Focus: Collaborative	Learner Disposition Focus: All
	EYFS	The EYFS Statutory Framework identifies seven areas of learning. Computing is referenced within the Understanding the World area, which states that the Early Years environment and curriculum should help children develop an understanding of the culturally, socially, technologically and ecologically diverse world. At Little Ealing, we use 'Development Matters' to deliver the curriculum. Although specific Computing skills are not explicitly outlined in the EYFS framework, technology is used to enhance the learning environment and support children's progress across all seven areas of learning. In addition, to help narrow the attainment gap, we aim to give children an early introduction to 'pre-computing' concepts and skills, supporting a smooth transition into Key Stage 1.					
Key Stage 1	Year 1	Composite: IT Skills Enquiry Question: How do I use a computer? Online Safety: Being Kind Online	Composite: Multimedia Enquiry question: What is multimedia? Online Safety: Asking for help	Composite: Programming Enquiry question: Can I think logically? Online Safety: Asking for permission	Composite: Programming Enquiry question: Can I code? Online Safety: Personal information	Composite: Handling data Enquiry question: What is a database? Online Safety: Identifying false information	Unit of Work: Technology in our lives Enquiry question: Where is technology? Online Safety: responding to online scenarios
	Year 2	Composite: IT Skills & Multimedia Enquiry Question: Can I use keyboard skills to create and publish a newspaper? Online Safety: Using technology in appropriate places/ times	Composite: IT Skills & Multimedia Enquiry Question: Can I make purposeful content? Online Safety: Time Limits	Composite: Programming Question: Can I create simple programs? Online Safety: Asking permission and Not meeting up	Composite: Handling Data Question: Can I use a database to create a spreadsheet and graph? Safety: Personal Information Online	Composite: Multimedia Enquiry question: How can you animate drawings? Online Safety: Being Kind Online	Unit of Work: Technology in our lives (IT) Enquiry question: How can we create and share digital stories? Online Safety: responding to online scenarios
Lower Key Stage 2	Year 3	Composite: Digital Literacy Enquiry Question: How can we use digital tools to tell a story or share an idea? Online Safety: S.M.A.R.T.- sharing personal information	Composite: Programming Question: How can we think like a computer to solve problems? Online Safety: S.M.A.R.T.- Reliability	Composite: Handling data Question: How can we organise information to make it easier to understand? Online Safety: S.M.A.R.T.- Tell someone	Composite: Programming Question: How can we give clear instructions to make things happen on a computer? Online Safety: S.M.A.R.T.- Meeting	Composite: Systems Question(s): How can we use email safely to communicate with others? How can we use technology to create and share music? Online Safety: S.M.A.R.T.- Accepting Files (virus/malware)	Unit of Work: C.A.D Enquiry Question: How can we use technology to design a strong and useful bridge? Online Safety: S.M.A.R.T.- Recap of all 5 rules
	Year 4	Composite: Handling Data Question: How can we use data to answer questions and make decisions? Online Safety: Making safe choices online	Composite: Programming Enquiry question: How can we use coding to make things work the way we want? Online Safety: Staying safe in online games	Composite: S.T.E.M. Enquiry Question: How can we use code to make a device respond to the world around it? Online Safety: Using social media & WhatsApp	Composite: Multimedia Enquiry question: How can we use presentations to share our ideas clearly and creatively? Online Safety: Keeping passwords safe	Composite: Systems Enquiry question: What is a website made of and how can we build one? Online Safety: Staying safe from hackers online	Composite: Programming Enquiry question: How can we use code to make characters move and remember things? Online Safety: Interland- How to be internet awesome!
Upper Key Stage 2	Year 5	Composite: Handling Data Question: How can we use data to ask and answer real questions? Online Safety: Understanding your digital footprint	Composite: Programming Question: How can we use code to solve complex problems more efficiently? Online Safety: Interland- How to be internet awesome!	Composite: S.T.E.M. Enquiry Question: How can we use coding and design to help astronauts in space? Online Safety: Staying safe on social media	Composite: Programming Enquiry question: How can we use code to design and control our own interactive world? Online Safety: Understanding I.P. address and how to keep it private	Composite: Systems Enquiry question: How do computers sense, connect, and respond to the world around them? Online Safety: Malware & Viruses	Composite: Multimedia Enquiry question: How can we use digital tools to tell powerful stories? Online Safety: responding to online scenarios
	Year 6	Composite: Multimedia Enquiry question: How can we use technology to collaborate and work together? Online Safety: Identifying fake news and bias writings	Composite: Handling Data Enquiry question: What can we learn by sorting and formatting data in different ways? Online Safety: Echo chambers and filter bubbles	Composite: S.T.E.M Enquiry question: How can we use technology to solve real world problems? Online Safety: identifying emotional manipulation	Composite: Programming Enquiry question: How can we use code to control and communicate with machines? Online Safety: Tricking or manipulating someone online	Composite: Programming Enquiry question: How does code change when we move from blocks to real programming languages? Online Safety: desensitising what you read and see online	Composite: C.A.D. Enquiry question: How do images and video work together to tell a story? Online Safety: responding to online scenarios

Adaptive learning- children can use text to type to create ppt/stories, google translate, use brisk teaching to adapt the text lexile levels

Each lesson children will begin lesson with touch typing (Y2-Y6)

