

Computing – Long Term Plan – 2024-2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	My First Steps Logging on and off Introduction to resources Keeping private information safe	A Splash of Colour Creating digital art Printing Saving and opening	What is the World How technology effects our lives, recognising technology outside of school	Robot Programmers Understanding algorithms, Physically programming and debugging.	Data Sorters Sorting data using physical and digital mediums.	Blocks of Wonder Using block code to create algorithms. Debugging breaking down algorithms
Year 2	Skills Upgrade Improve typing, improving fine motor skills using games Online Safety – Who to Tell	Blocks of Wonder 2 Using input to create movement Using sensing to interact with other elements	Let's Get Moving Using stop motion to create animation. Using frames within a timeline	Tell Me a Story Retelling a story in digital format understanding copyright	Feel the Beat Using digital technology to create original compositions	Robot Programmers 2 Using complex algorithms to achieve a goal.
Year 3	My First Webpage Introduction to html and how to create a webpage using wysiwyg (what you see is what you get) design	LanWan Thinking Understanding local and wide area networks and how the internet works	Morden Meets Audible Using various technologies to create a digital story book	Blocks of Wonder 3 Using variables and loops within algorithms. Extending debugging skills	Data Sorters 2 Gathering data using online questionnaires. Sorting and visualising Data using spreadsheet application	What's Cooking Creating a cooking show. Understanding the similarities between recipes and algorithms
Year 4	Movie Trailer Using tablet application to create a Movie Trailer	Blocks Of Wonder 4 Using variables to store user input and Booleans to control output to the user	Healthy Living Creating a healthy living presentation with multimedia elements	3D Sculpture Using Sketch Up CAD application to create 3D artwork	Micro:Bit Mini Computer Using Micro:Bit computers to Code and run programs	Hello World Introduction into other programming languages.
Year 5	My Second Webpage Recognising and using HTML and CSS coding	Feel the Beat 2 Using digital technology to create original compositions with samples	Make a Movie How technology effects our lives, recognising technology outside of school	The Encryption Factor Understanding strong passwords and encryption. How to secure your data	Kodu First Steps Using Kodu tutorials to learn the basics of this game engine.	Stop Think Share Social media etiquette and safety Age limits and laws
Year 6	Kodu Next Steps Using Kodu game engine to create 3D game	Let's Go on Holiday Using web tools and spreadsheets to plan and budget a holiday	Streaming Dreaming Pt1 Using screen capture software to record onscreen video. Using video editing software to produce a video	Streaming Dreaming Pt2 Using multiple technologies to create a final video.	Micro:Bit Mini Computer 2 Developing more complex programming algorithms using the Micro:Bit Computers	My Memory Box Creating a digital primary memory box using various technologies