



King's Hill Primary School

Computing Curriculum Overview 2024 -2026

Our computing curriculum develops the principles of information and computation for our pupils. It enables them to consider how digital systems work and how to put this knowledge to use through programming. Building on this knowledge and understanding, our pupils are equipped to use information technology to create programs, systems and a range of content. Our curriculum ensures pupils are able to use and develop their ideas through information and communication technology, at a level suitable for the future workplace and as active participants in a modern and digital world, with online safety featuring throughout.

We teach computing as a stand-alone subject as well as incorporating it into the wider curriculum areas, as appropriate. We use the 'Purple Mash' scheme to deliver the National Curriculum expectations. We review and adapt our practice regularly to ensure we always maintain high quality coverage of the computing curriculum.

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	Online Safety -introduction to chrome books & purple mash	Online Safety -To begin to use safe logins, login to purple mash and begin to use some Purple Mash tools	Online Safety/ Pictograms - Display a range of data in pictures.	Online Safety/Tech outside of school/Coding -Raising awareness of technology outside of school and an introduction to simple coding	Online Safety/Coding - To command objects to move.	Online Safety/ Coding/Spreadsheets - Creating simple spreadsheets to show data.
Year 2	Online Safety- Searching and sharing Coding – create own programme with an algorithm Effective searching – search the internet safely.	Online Safety – emails and safety with online messaging. Coding – explore collision detection Spreadsheets – An introduction to using spreadsheets.	Online Safety – What their digital footprint means. Coding – what is a timer Presenting ideas	Online Safety Coding - use different types of objects when coding. Creating pictures	Online Safety Coding – create a cause and effect. Spreadsheets -to create a table and block graph with data. Presenting ideas	Online Safety Coding –how to debug a computing programme Creating Pictures.

Year 3	Online Safety Coding Graphing	Online safety Coding Simulations	Online safety Coding Email	Online Safety Coding Presenting with Google Slides.	Online safety Coding Revisit any units	Online safety Coding Coding through scratch junior
Year 4	Online Safety Coding Animation	Online Safety Coding Logos	Online Safety Coding Spreadsheets	Online Safety Coding Spreadsheets	Online Safety Coding Hardware Investigators	Online Safety Coding Scratch Junior Coding
Year 5	Online Safety Coding Databases	Online Safety Coding Game Creator	Online Safety Coding Spreadsheets	Online Safety Coding Word Processing	Online Safety Coding Word Processing	Online Safety Coding Word Processing
Year 6	Online Safety Blogging	Online Safety Coding	Online Safety Spreadsheets	Online Safety Game Creator	Online Safety 3D Modelling	Online Safety Word Processing