



Computing at NHFS

The national curriculum for computing aims to ensure that all pupils: can understand and apply the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation: can analyse problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems: can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems: are responsible, competent, confident and creative users of information and communication technology. At New Hartley First School, we aim to give pupils the means to develop progressive skills in computational thinking, digital literacy and understand the role computing plays in everyday life.



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Technology Around us	Digital Painting	Digital Writing	Grouping Data	Making a Robot	Introduction to animation
Year 2	I.T Around Us	Digital Photography	Making Music	Pictograms	Algorithms	Introduction to Quizzes
Year 3	Connecting Computers	Stop Frame Animation	Desktop Publishing	Branching Databases	Sequence in Music	Events and Actions
Year 4	The Internet	Audio Editing	Photo Editing	Data Logging	Repetition in Shapes	Repetition in Games