



English Progression
Writing Expectation History
Mathematics Science PE Languages
Art Geography DT Computing Differentiation
Progression Expectation **National Curriculum**
Languages English Writing Progression
Differentiation Science Art
Mathematics Expectation

Progression in the new National Curriculum

Computing

KS1	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions▪ create and debug simple programs▪ use logical reasoning to predict the behaviour of simple programs▪ use technology purposefully to create, organise, store, manipulate and retrieve digital content▪ recognise common uses of information technology beyond school▪ use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies
KS2	<p>Pupils should be taught to:</p> <ul style="list-style-type: none">▪ design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts▪ use sequence, selection, and repetition in programs; work with variables and various forms of input and output▪ use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs▪ understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration▪ use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content▪ select, use and combine a variety of software (including internet services) on a range of digital devices to design & create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information▪ use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact