



Purpose: This document details how the Computing curriculum received by pupils of Henry Chichele Primary School is linked to, and provides coverage of, the National Curriculum.

Key Stage 1

National Curriculum Target	Computing Unit
<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.	1.2 / 1.4 / 1.7 2.1 / 2.3
<ul style="list-style-type: none">Create and debug simple programs	1.7 2.1
<ul style="list-style-type: none">Use logical reasoning to predict the behaviour of simple programs	1.7 2.1 / 2.4
<ul style="list-style-type: none">Use technology purposefully to create, organise, store, manipulate and retrieve digital content	1.3 / 1.4 / 1.5 / 1.6 / 1.8 2.3 / 2.5 / 2.6 / 2.7 / 2.8
<ul style="list-style-type: none">Recognise common uses of information technology beyond school	1.9 2.2
<ul style="list-style-type: none">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.	1.1 / 1.9 2.2

Year 1 Year 2



Key Stage 2

National Curriculum Target	Computing Unit
<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 	3.1 / 3.7 4.1 / 4.6 5.1 / 5.5 / 5.6 6.1 / 6.5 / 6.8
<ul style="list-style-type: none"> Use sequence, selection, and repetition in programs; work with variables and various forms of input and output 	3.1 / 3.7 4.1 / 4.6 5.1 / 5.5 6.1 / 6.5 / 6.8
<ul style="list-style-type: none"> Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs 	3.1 / 3.7 4.1 / 4.6 5.1 / 5.5 6.1 / 6.5 / 6.8
<ul style="list-style-type: none"> 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 	3.2 / 3.5 4.2 / 4.7 5.2 6.2 / 6.4 / 6.6
<ul style="list-style-type: none"> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content 	3.2 4.2 / 4.7 5.2 6.1 / 6.6
<ul style="list-style-type: none"> Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 	3.3 / 3.6 / 3.8 / 3.9 4.3 / 4.4 / 4.5 / 4.6 / 4.9 5.3 / 5.4 / 5.6 / 5.7 / 5.8 6.3 / 6.4 / 6.5 / 6.7 / 6.9
<ul style="list-style-type: none"> Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. 	3.2 / 3.5 4.2 / 4.4 5.2 6.2 / 6.4

Year 3 Year 4 Year 5 Year 6