

**Eynesbury School - Computing Curriculum
National Curriculum Coverage Grid**

COMPUTING	YEAR 1			YEAR 2		
	AUT	SPR	SUM	AUT	SPR	SUM
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.			✓		✓	✓

COMPUTING	YEAR 3			YEAR 4			YEAR 5			YEAR 6		
	AUT	SPR	SUM	AUT	SPR	SUM	AUT	SPR	SUM	AUT	SPR	SUM
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 and 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.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		

THESE DETAIL THE **STATUORY** GUIDANCE ONLY – TEACHERS ARE ADVISED TO REFER TO THE NATIONAL CURRICULUM ‘NOTES AND GUIDANCE’ SECTIONS FOR FURTHER INFORMATION AND TEACHING GUIDANCE.

