

Callow End CE Primary Computing Curriculum Key Stage 1

Computer Science	Information Technology	Digital Literacy
<i>(How computers and computer systems work and how they are designed and programmed)</i>	<i>(the purposeful use of existing programs to develop products and solutions)</i>	<i>(the skills, knowledge and understanding needed in order to participate fully and safely in an increasingly digital world)</i>
A- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions B- create and debug simple programs C- use logical reasoning to predict the behaviour of simple programs D- use technology purposefully to create, organise, store, manipulate and retrieve digital content E- recognise common uses of information technology beyond school F- 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		

Long Term Plan

Cycle	Autumn 1	Spring 1	Summer 1
A	Computer Systems and networks – Technology around us DEF <i>add in how to log on etc</i>	Programming A: Beebots/Floorbots ABC	Data and Information: Pictograms DE
B	Computer Systems and networks – IT around us DEF <i>add in how to log on etc</i>	Creating Media: Digital Photography DE	Programming B: Scratch Jnr ABC