

COMPUTING SUBJECT OVERVIEW

AREA	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Skills	<p>Organise, store, retrieve and manipulate data</p> <p>Use logical reasoning to predict behaviour</p>	<p>Organise, store, retrieve and manipulate data in a range of digital formats</p> <p>Use logical reasoning to predict the behaviour of simple programs</p>	<p>Collect and present data appropriately</p> <p>Use logical reasoning to evaluate data and information</p>	<p>Collect and present data appropriately to accomplish given goals</p>	<p>Be discerning in evaluating general digital content</p>	<p>Be discerning in evaluating specific digital content</p>
Technology in the world	<p>Communicate online safely and respectfully, keeping personal information private</p> <p>Recognise uses of IT outside of school</p>	<p>Identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies</p>	<p>Use internet safely and appropriately</p> <p>Understand basic computer networks</p>	<p>Appreciate how results are selected and ranked, and be discerning in evaluating digital content</p> <p>Understand computer networks including the internet</p>	<p>Understand uses of networks and how they can provide multiple services</p>	<p>Understand uses of networks for collaboration and communication</p>
Technical Understanding	<p>Understand the simple use of algorithms</p> <p>Write and test simple programs</p>	<p>Understand the use of algorithms and how they are implemented as programs</p> <p>Write and test simple programs following precise and unambiguous instructions</p>	<p>Design and write programs to achieve specific goals, including solving problems</p>	<p>Design, write and debug programs to achieve specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p>	<p>Use sequences, repetition, inputs, variables and outputs in programs</p> <p>Detect and correct errors in programs</p>	<p>Use increasingly complex sequences, repetition, inputs, variables and outputs in programs</p> <p>Detect, correct and explain errors in programs</p>

COMPUTING SUBJECT OVERVIEW

Evidence	Pupil Voice Displays Website Planning E-safety week activities Year group folders on the server Purple mash Cross-curricular planning Assembly (cyber bullying)
-----------------	---