

COATHAM CE PRIMARY SCHOOL

LONG-TERM (YEAR) PLAN

SUBJECT - COMPUTING				YEAR GROUP 1		
Half-Term	Aut1 Digital Literacy Computer Science	Aut2 Information Technology	Spr1 Computer Science	Spr2 Information Technology	Summ1 Computer Science	Summ2 Information Technology Digital Literacy
Statement of Intent	Children will know how to log on to Purple Mash and why we keep passwords secret	Children will know that data can be represented in picture format	Children will know how to follow and create simple algorithms (instructions)	Children will know that animations can be added to digital content	Children will know that code is written symbols that a computer understands as instructions	Children will know that data can be stored eg on a spreadsheet Children will identify some forms of technology outside of the classroom
Key Curriculum Coverage	Say what counts as personal information. Know and follow our 'Staying Safe on the Internet' rules.	Create a physical photo database Say what a pictogram is showing them	Understand that an algorithm is a series of instructions to achieve an outcome. Give instructions to the Bee Bots, building up a simple sequence of instructions.	Save work. Retrieve work. Amend work. Use various tools	Create a written algorithm story to direct someone to do something Use, then analyse, in simple terms, an existing program. Use the term 'debug'.	Talk about how technology is used in the world about them. Put data into a program (eg 2Count)
Key Vocabulary	Pictogram Data Interpret Represent	Pictogram Data Collate	Algorithm Instruction Computer Program Debug	Animation Tool Effect Save	Action Code Event Debug	Cells Rows Columns