

COATHAM CE PRIMARY SCHOOL

LONG-TERM (YEAR) PLAN

SUBJECT - COMPUTING Online Safety will be taught throughout the year				YEAR GROUP 1		
Half-Term	Aut1 Introduction to Purple Mash Creative Computing MS Word	Aut2 Creative Computing Data Explorers MS Word	Spr1 Creating and Following Instructions Animated Stories MS Word	Spr2 Coding MS Word	Summ1 Technology Around Us MS Word	Summ2 Making Beats MS Word
Statement of Intent	Children will know how to log on to Purple Mash, create an avatar, keep personal information safe Children will develop their mouse, keyboard and basic computing skills using creative tools	Children will develop their mouse, keyboard and basic computing skills using creative tools Children will group and sort recognisable objects, collect and interpret simple data and create pictograms	Children will have a basic understanding of simple algorithms and algorithmic thinking Children will work with images, text, sound and animation	Children will explore simple instructions and relate this to code blocks and write simple programs	Children will define and understand what technology is	Children will make their own digital music
Key Curriculum Coverage	Use technology purposefully to create, store, and retrieve content Use technology safely and respectfully, keeping personal information private	Use technology purposefully to create, organise, store, manipulate and retrieve digital content	Understand what algorithms are; how they are implemented; and that programs execute by following precise and unambiguous instructions	Create and debug simple programs	Recognise common uses of information technology beyond school	Use technology purposefully to create, organise, store, manipulate and retrieve digital content

Key Vocabulary	Avatar File name Home page Icon Login Logout Password Save Digital Art Drag and drop	Algorithm Criteria Data Group Pictogram Sort	Coding Debugging Instructions Program Animation Background Copy and Paste Digital Book Eraser Font Sound effect Text Undo	Action Algorithm Code Code Blocks Command Debugging Event Instruction Object	Device Digital Technology Electronic Hardware Technology	Beat Compose Digital Musical Instrument Tempo Tune
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