COATHAM CE PRIMARY SCHOOL   LONG-TERM (YEAR) PLAN

SUBJECT: Computing			YEAR GROUP: 4			
Half-Term	Aut1 Coding	Aut2 Online Safety	Spr1 Spreadsheets	Spr2 Writing for different audiences	Summ1 LOGO	Summ2 Animation
Statement of Intent	Children will understand and use variables in 2Code	Children understand how to protect themselves online	Children can design and write a program to accomplish a specific goal	Children can input data to make a graph and format cells to calculate amounts.	Children can use and build procedures in Logo.	Children can create a short animation.
Key Curriculum Coverage	Design algorithms to achieve a specific goal. Use the 'if… then' command. Use logical reasoning to explain how algorithms work.	Know and follow our 'Staying Safe on the Internet' rules. Keep personal information safe by hiding identity, share safety rules with others. Develop a secure password.	Recognise tools for collecting data. Collect data, create a database, present findings and analyse. Explore spreadsheets.	Understand keywords are needed to complete an online search. Understands copyright and use copyright-free websites for resources. Know and use some simple HTML tags.	Create a simple composition using sequencing software. To input simple instructions in Logo.	Create a simple composition using sequencing software.

Key Vocabulary	Action, alert, algorithm, background, button, command, co-ordinates, execute, flowchart, if, what.	Computer virus, cookies, copyright, email, identity theft, phishing, plagiarism, spam.	Average, copy and paste, columns, cells, charts, equals tool, formula, rows, spreadsheet, timer.	Font, bold, italic, underline.	LOGO, BK, FD, RT, LT, REPEAT, PU, PD.	Animation, flipbook, frame, background, play, sound, stop motion, videoclip.	