

# COATHAM CE PRIMARY SCHOOL

# LONG-TERM (YEAR) PLAN

SUBJECT Computing				YEAR GROUP 3			
Half-Term	Aut1	Aut2	Spr1	Spr2	Summ1	Summ2	
<b>Statement of Intent</b>	To be able to write a program to create the animation	To be able to spot mistakes in an animation  To be able to use search engines	Presenters  Understand the qualities of effective video such as the importance of narrative, consistency, perspective, and scene length.	Opinion Pollsters  Understand some elements of survey design and gain skills in interpreting results.	We are communicators  Develop a basic understanding of how e-mail works.  Be aware of broader issues surrounding email including netiquette and e safety.	We are network engineers  Understand the physical hardware connections necessary for computer networks to work.  Understand some features of internet protocols.	
<b>Key Curriculum Coverage</b>	I can use a program to create a setting  I can convert my storyboard into an animation  I can give ideas to improve my animations  I can find errors and put them right or know what to do to put it right	Increase their knowledge and understanding of programming –  Recognise a number of common types of bug in software.  I can use search terms about Germany  I can type information onto a poster  I can find relevant pictures	Select use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals including collecting, analysing, evaluating and presenting data and information.  Work with various forms of input and output.  Use technology safely, respectfully and responsibly.	Select use and combine a variety of software (including Internet services) on a range of digital devices to design and create a range of programmes, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.  Understand computer networks including the internet and how they can provide multiple services, such as the world wide web and the opportunities they offer for communication and collaboration.	Understand computer networks including the internet and how they can provide multiple services, such as the world wide web and the opportunities they offer for communication and collaboration.  Select use and combine a variety of software (including Internet services) on a range of digital devices to design and create a range of programmes, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.  Use technology safely,	Understand computer networks including the internet and how they provide multiple services.  Use technology safely, respectfully and responsibly. Recognise acceptable/unacceptable behaviour. Identify a range of ways to report concerns about content and contact.	

					respectfully and responsibly. Recognise acceptable/unacceptable behaviour. Identify a range of ways to report concerns about content and contact.		
<b>Key Vocabulary</b>	action, algorithm, bug, command, code block, debug, input, sequence, when clicked/swiped	action, algorithm, bug, command, code block, debug, input, sequence, when clicked/swiped, code design, design mode, nesting, repeat  username, password, internet, website, webpage	Video camera, Footage, Input, digital devices, analyse, commentary, movie, editing tools, analyse, evaluate, present data.  username, password, internet, website, webpage	Data collection, world wide web, data protection, survey, digital content, documents  username, password, internet, website, webpage	Email, feedback, technology, problem solving, communication, conferencing, input/output, spam,  username, password, internet, website, webpage	Computer networks, commands, technology safety privacy, web server, connections, data transmission, protocols  username, password, internet, website, webpage	