

## COATHAM CE PRIMARY SCHOOL

## LONG-TERM (YEAR) PLAN

SUBJECT: Computing				YEAR GROUP: 5		
Half-Term	Aut1	Aut2	Spr1	Spr2	Summ1	Summ2
Statement of Intent	Children know how to stay safe when using technology	Children can present information using PowerPoint	Children can create a geometric picture using software of choice	Children can design a webpage with a chosen layout and format text in a webpage	Explain how some simple algorithms work and to detect and debug errors in algorithms	Design, write and debug programs that accomplish specific goals
Key Curriculum Coverage	<p>Know and follow our 'Staying Safe on the internet' rules.</p> <p>Judge when to answer a question online and when not to.</p> <p>Use different sources to</p>	<p>Use different sources to double check information found.</p> <p>Use a variety of presentation methods eg photographs, videos, word processing,</p>	<p>Use coding language to create images following set instructions</p> <p>Confidently type with 2 hands.</p>	<p>Confidently type with 2 hands.</p>	<p>Confidently type with 2 hands.</p> <p>Use a variety of variables when using Scratch (eg sounds, looks, sensors)</p> <p>Begin to design, test and debug own algorithms.</p>	<p>Confidently type with 2 hands.</p> <p>Use a variety of variables when using Scratch (eg sounds, looks, sensors)</p>

	<p>double check information.</p> <p>Confidently type with 2 hands.</p>	<p>powerpoint, publisher documents, keynotes, piccollage.</p> <p>Confidently type with 2 hands.</p>			<p>Use logical reasoning to explain how own algorithms work.</p>	<p>Confidently design, test and debug own algorithms.</p> <p>Use logical reasoning to explain how own algorithms work.</p>
<p>Key Vocabulary</p>	<p>Password</p> <p>Reputable</p> <p>Online safety</p> <p>Encryption</p> <p>Word Processing</p>	<p>Powerpoint</p> <p>Transitions</p> <p>Slides</p> <p>Insert</p> <p>Animations</p> <p>Slide Show</p>	<p>Procedures</p> <p>Logo</p> <p>Polygon</p> <p>Co-ordinates</p> <p>Coding language</p>	<p>Web page</p> <p>Format</p> <p>Audience</p> <p>Reference</p> <p>Reputable</p>	<p>Algorithms</p> <p>Debug</p> <p>Errors</p> <p>Code</p> <p>Function</p> <p>action</p>	<p>Algorithms</p> <p>Debug</p> <p>Errors</p> <p>Code</p>