



## Andover CE Primary School LONG TERM PLAN – COMPUTING

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>R</b>	<b>Getting to Know You</b>		<b>Fantastic Farms</b>		<b>Let it Grow</b>	
	<b>Awesome Autumn:</b> Creating, Pattern, Logic, Algorithms, Decomposition, Collaborating	<b>Winter Warmers:</b> Algorithms, Creating, Collaboration, Decomposition, Tinkering, Persevering	<b>Busy Bodies:</b> Algorithms, Decomposition, Debugging, Logic, Patterns, Abstraction	<b>Springtime:</b> Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	<b>Boats Ahoy:</b> Algorithms, Decomposition, Creating, Tinkering, Logic, Patterns, Abstraction, Collaborating	<b>Summer Fun:</b> Tinkering, Persevering, Patterns, Logic, Decomposition, Debugging, Collaborating, Algorithms
<b>1</b>	<b>Pirates</b>	<b>Toys/Christmas</b>	<b>Dinosaurs</b>	<b>Space</b>	<b>Superheroes</b>	<b>Deadly 60</b>
	<b>Computing systems and networks:</b> Technology around us  <b>E-safety</b>	<b>Creating media:</b> Digital painting	<b>Programming:</b> Moving a robot	<b>Data and information:</b> Grouping Data  <b>E-safety</b>	<b>Creating media:</b> Digital writing  <b>E-safety</b>	<b>Programming:</b> Introduction to animation
<b>2</b>	<b>The Great Fire of London</b>	<b>Once Upon a Time</b>	<b>China</b>	<b>All About Eggs</b>	<b>Our Beautiful World</b>	<b>Valiant Victorians</b>
	<b>Computing systems and networks:</b> IT around us  <b>E-safety</b>	<b>Creating media:</b> Digital photography	<b>Programming:</b> Robot algorithms	<b>Data and information:</b> Pictograms  <b>E-safety</b>	<b>Creating media:</b> Making music  <b>E-safety</b>	<b>Programming:</b> An introduction to quizzes

3	<b>Rainforests</b>	<b>Light &amp; Dark</b>	<b>Life in the Freezer</b>	<b>Ancient Egyptians</b>	<b>Coasts</b>	<b>The Stone Age</b>
	<b>Computing systems and networks:</b> Connecting computers  <i>E-safety</i>	<b>Creating media:</b> Animation	<b>Programming:</b> Sequence in music	<b>Data and information:</b> Branching databases  <i>E-safety</i>	<b>Creating media:</b> Desktop publishing  <i>E-safety</i>	<b>Programming:</b> Events and actions
4	<b>Tudors</b>	<b>Romans</b>		<b>France</b>	<b>Local Study</b>	
	<b>Computing systems and networks:</b> The Internet  <i>E-safety</i>	<b>Creating media:</b> Audio editing	<b>Programming:</b> Repetition in shapes	<b>Data and information:</b> Data Logging  <i>E-safety</i>	<b>Creating media:</b> Photo editing  <i>E-safety</i>	<b>Programming:</b> Repetition in games
5	<b>Anglo Saxons &amp; Vikings</b>	<b>Space</b>		<b>Rivers</b>		
	<b>Computing systems and networks:</b> Sharing information  <i>E-safety</i>	<b>Creating media:</b> Video editing	<b>Programming:</b> Selection in physical computing	<b>Data and information:</b> Flat-file databases  <i>E-safety</i>	<b>Creating media:</b> Vector drawing  <i>E-safety</i>	<b>Programming:</b> Selection in quizzes
6	<b>Harry Potter</b>	<b>Ancient Greece</b>	<b>Extreme Earth</b>		<b>Mayans</b>	<b>World War 2</b>
	<b>Computing systems and networks:</b> Communication  <i>E-safety</i>	<b>Creating media:</b> Web page creation	<b>Programming:</b> Variables in games	<b>Data and information:</b> Spreadsheets  <i>E-safety</i>	<b>Creating media:</b> 3D Modelling  <i>E-safety</i>	<b>Programming:</b> Sensing