

Computing Long Term Plan					
EYFS					
Autumn		Spring		Summer	
<u><b>All About Me!</b></u> World Wide Web Keeping safe online Butterfly feeling	<u><b>Terrific Tales</b></u> Following rules	<u><b>Amazing Animals</b></u> Using remote control toys	<u><b>Come Outside</b></u> Introduction to Bee Bots	<u><b>Ticket to Ride</b></u> Basic mouse and keyboard skills Bee Bots	<u><b>Fun at the Seaside</b></u> Introduction to on screen activities
Year 1					
Autumn		Spring		Summer	
<u><b>Digital Citizenship</b></u> Keeping safe online Butterfly feeling Trusted adults Behaving appropriately  <u><b>Digital Literacy</b></u> Logging in Basic keyboard/ mouse skills Typing		<u><b>Computer Science</b></u> Bee Bots Algorithms Debugging		<u><b>Information Technology</b></u> Searching STEM pioneers: Jack Kilby & Robert Noyce	
Year 2					
Autumn		Spring		Summer	
<u><b>Digital Citizenship</b></u> Keeping safe Online Understanding information online Online bullying  <u><b>Digital Literacy</b></u> Keyboard skills Introduction to word processing Typing		<u><b>Computer Science</b></u> Programs Development of directional language Problem solving		<u><b>Information Technology</b></u> Refine searching STEM pioneer: Tim Berners Lee Project	
Year 3					
Autumn		Spring		Summer	
<u><b>Digital Citizenship</b></u> Keeping safe online Online identities Healthy balance of online and real life  <u><b>Digital Literacy</b></u> Typing skills Developing word processing skills Introduction to multimedia		<u><b>Computer Science</b></u> Sequence Predictions Implications of reordering/ debugging		<u><b>Information Technology</b></u> Strong passwords STEM pioneers: Ada Lovelace & Charles Babbage Project	
Year 4					
Autumn		Spring		Summer	
<u><b>Digital Citizenship</b></u> Keeping safe online Online vs real life identity Appropriate behaviour online Online bullying  <u><b>Digital Literacy</b></u> Typing skills Introduction to spreadsheets and graphing Representing data		<u><b>Computer Science</b></u> Repeat/ Loop Transfer skills between different software Repeat command Debug coding		<u><b>Information Technology</b></u> Safe searching Copyright STEM pioneers: Hedy Lemarr & Radia Perlman Project	

Year 5		
Autumn	Spring	Summer
<p><b><u>Digital Citizenship</u></b>  Keeping safe online  Responsible choices  Health and wellbeing using technology</p> <p><b><u>Digital Literacy</u></b>  Typing skills  Introduction to databases and graphing  Creating work appropriate to audience</p>	<p><b><u>Computer Science</u></b>  Selection / conditional  Consolidation - algorithms, program, sequences and repeat  Debugging</p>	<p><b><u>Information Technology</u></b>  Save &amp; import  Evaluating website's 5W's  STEM Pioneers: Grace Hopper, Bill Gates &amp; Steve Wozniak Project</p>
Year 6		
Autumn	Spring	Summer
<p><b><u>Digital Citizenship</u></b>  Keeping safe online  Critically evaluate and reject  Capture evidence  Regulate age-related content</p> <p><b><u>Digital Literacy</u></b>  Typing skills  Choosing appropriate software  Video editing software</p>	<p><b><u>Computer Science</u></b>  Variable  Consolidation  Awareness of abstraction</p>	<p><b><u>Information Technology</u></b>  Understand copyright  Cite referencing  STEM Pioneer: Alan Turing Project</p>