

Computing	Autumn	Spring	Summer
Year 3	<ul style="list-style-type: none"> • Online Safety • log on and off of a computer • Navigating a computer? • Replying to an email • Staying safe when sending an email. • Responding appropriately to an email • Algorithms • Pro-Bots 	<ul style="list-style-type: none"> • Online Safety • Creating games • Internet searches • Microsoft Publisher to create posters 	<ul style="list-style-type: none"> • Online Safety • Internet searches • Microsoft PowerPoint • Microsoft Excel
Year 4	<p>Creating Rainforest PowerPoint</p> <ul style="list-style-type: none"> • Online Safety; Keeping personal information safe • Planning PowerPoint presentation • Exploring features of PowerPoint • Creating PowerPoint slides • Presenting PowerPoint slides to a group. • Evaluating and self-editing. <p>Scratch</p> <ul style="list-style-type: none"> • Creating a slug sprite and programming movement. • Creating a moving block & trail • Creating a background. • Embedding sound. • Evaluating and self-editing, 	<p>Reliable Websites</p> <ul style="list-style-type: none"> • Online Safety; Safely searching online and keeping personal information secure. • Using keywords when searching for information. • Establishing if the information is reliable • Searching for websites effectively. <p>Excel Charts</p> <ul style="list-style-type: none"> • Creating a bar chart. • Creating a line graph • Attaching files in emails, • Analysing data. • Snip/copy graphs and charts onto word. 	<p>Microbit lights</p> <ul style="list-style-type: none"> • Online Safety • Coding • Debugging • Creating flashing lights • Evaluating and self-editing • Programming. <p>Using Publisher</p> <ul style="list-style-type: none"> • Presenting data in different formats. • Embedding hyperlinks. • Engaging an audience. • Feedback to peers.

Year 5	<p>Online Safety</p> <ul style="list-style-type: none"> • Health, Wellbeing and Lifestyle; Self-Image and Identity <p>Spreadsheets</p> <ul style="list-style-type: none"> • Formulae • Creating graphs • Presenting and analysing data • Evaluating data. <p>Coding</p> <ul style="list-style-type: none"> • Decomposing a game • Steering through a maze • Designing a maze • Creating maze with levels & coins 	<p>Online Safety</p> <ul style="list-style-type: none"> • Online Relationships; Online Bullying <p>Internet Searches:</p> <ul style="list-style-type: none"> • What is the internet • Identifying servers • Using search engines <p>Blogging</p> <ul style="list-style-type: none"> • Exploring blogs • Planning a blog post • Writing a blog post • Improving a blog post. 	<p>Online Safety</p> <ul style="list-style-type: none"> • Online Reputation; Online Bullying <p>Coding</p> <ul style="list-style-type: none"> • Investigating sensors • Adapting codes • Debugging • Creating a nightlight • Improving a nightlight <p>Research</p> <ul style="list-style-type: none"> • Internet searches • Evaluating and analysing information. • Creating a leaflet
Year 6	<p>Online Safety</p> <ul style="list-style-type: none"> • The 4Cs (content, contact, commerce and conduct) • Share Aware: Lucy and the Boy (online risks including contact from strangers, grooming and sharing personal information) <p>Coding (Scratch)</p> <ul style="list-style-type: none"> • Decompose a game • Debug code • Steer through a maze • Design a maze • Create a maze with levels and coins. <p>Blogging</p> <ul style="list-style-type: none"> • Evaluate existing blogs • Design and plan blog posts following a success criteria 	<p>Online Safety</p> <ul style="list-style-type: none"> • Share Aware: Alex (I saw your willy) (risk associated with inappropriate content including creating and sharing) • Equality, Discrimination and Prejudice (understanding the impact of abuse online, cyberbullying and use of derogatory language) <p>Micro:bit Instrument</p> <ul style="list-style-type: none"> • Experiment with different blocks • Programme a Micro:Bit • Create a flowchart • Build a Micro:Bit instrument • Debug and evaluate <p>Databases</p> <ul style="list-style-type: none"> • Explain how a network works 	<p>Online Safety</p> <ul style="list-style-type: none"> • Hello Charlie (online risks including contact from strangers, grooming and sharing personal information) • Life in Likes, Shares and Check Ins (understanding the risk of obsessive use of the internet) <p>Stop Motion Animation</p> <ul style="list-style-type: none"> • Plan a stop-motion animation • Experiment with appropriate equipment • Take photographs • Upload photos to a PC from a camera • Use photographs to create a stop motion animation • Respond to feedback given

	<ul style="list-style-type: none"> • Improve a blog post • Evaluate and edit to improve engagement 	<ul style="list-style-type: none"> • Use search engines effectively • Create a branching database using Flexitree • Create a branching database using PowerPoint • Evaluate the effectiveness of the database 	<p>Enterprise Planning</p> <ul style="list-style-type: none"> • Create and distribute a survey • Present, analyse and evaluate data • Research using a search engine effectively • Communicate effectively using online platforms (Teams) • Present information in an appropriate manner (PowerPoint, Word, Publisher) • Practise and present a pitch for a product
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