

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<u>E-Safety</u> <ul style="list-style-type: none"> I use technology safely I keep personal information 	<u>Computer User</u> <ul style="list-style-type: none"> I can create digital content (I can use a program to create a simple document) <ul style="list-style-type: none"> I can use mice and keyboards 	<u>Computer User</u> <ul style="list-style-type: none"> I can store digital content I can retrieve digital content 	<u>Computer User</u> <ul style="list-style-type: none"> I can use a website Recap e-safety 	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can write a simple algorithm I can explain that an algorithm is a step by step set of instructions 	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can plan a journey for a programmed toy I can use a
Year 2	<u>E-Safety</u> <ul style="list-style-type: none"> I can use technology respectfully I know where to go for help I can recognise how others use technology outside of school 	<u>Computer User</u> <ul style="list-style-type: none"> I can find, open, edit and save files I am working on I can organise digital content (recognise file types) I can use different software programs and discuss the benefits of their usage (I can navigate the internet to complete a simple search) <p>Using mice and keyboards/Word Processing</p>	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can use a range of instructions as part of longer algorithms I can understand that programs run by following clear instructions I understand algorithms are used on digital devices as programs 	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can predict the outcome of simple algorithms I can find and fix simple bugs in simple programs and algorithms 	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can use a range of instructions as part of longer algorithms I can understand that programs run by following clear instructions I understand algorithms are used on digital devices as programs I can predict the outcome of simple algorithms I can find and fix simple bugs in simple programs and algorithms 	<u>Computer Programmer</u> <ul style="list-style-type: none"> I can predict the behaviour of a programmed toy, clearly relating each action to part of an algorithm I can create and debug simple programs I can find and fix simple bugs in simple programs and algorithms
Year 3	<u>E-Safety</u> <p>I can use technology respectfully I know what input and output devices are and how they are used</p>	<u>Computer User</u> <p>I can use a range of software I can design and create digital content with a range of software</p>	<u>Computer User</u> <p>I understand that computer networks allow data to be transferred and shared I can search for info in different ways (internet/key words using the ctrl+f I collect info from effective searches</p>	<u>Computer User</u> <p>I can present info I can decide when technology adds little or no value</p>	<u>Computer Programmer (Unplugged)</u> <p>I can produce a simple program that completes a given task or specific goal I design sequences of instructions that include a directional element.</p>	<u>Computer Programmer</u> <p>I work with various inputs and outputs</p>
Year 4	<u>E-Safety</u> <p>I recognise acceptable and unacceptable behaviour when using technology</p>	<u>Computer Users</u> <p>I select software to accomplish given goals Typing/Word Processing I can collect and present data (data logger)</p>	<u>Computer Programmer</u> <p>I can give an on-screen robot specific instructions that take them from A to B (Using Loops)</p>	<u>Computer Programmer (Unplugged)</u> <p>I experiment with conditions (if)</p>	<u>Computer Programmer</u> <p>I experiment with conditions to control models I can debug</p>	<u>Computer Programmer</u> <p>I can break programs up into smaller parts I can use a range of programs to complete a task I can use other programs as I code</p>
Year 5	<u>E-Safety</u> <p>I can make choices about what I do and how I act online.</p>	<u>Computer Users</u> <p>I can understand how search results are selected and ranked I can analyse and evaluate information I can explain that all not all information is true or safe</p>	<u>Computer Users</u> <p>I can use a range of software to accomplish given goals</p>	<u>Computer Programmer</u> <p>I can combine sequences, instructions and procedures to accomplish specific goals I can control external hardware from within my programs I can use loops to repeat tasks, IF conditions and while conditions</p>	<u>Computer Programmer</u> <p>Independent projects that use all previous coding and presentation knowledge. You should encourage children to break the task up into parts, select software for these parts and decide if using technology for each part will add value or could they be done with greater effect with non-computing skills.</p>	
Year 6	<u>E-Safety</u> <p>Discuss risks of being online and online technology How to minimise those risks (Selfie safety - Tik-tok tips)</p>	<u>Computer Users</u> <p>I can use spreadsheets I can use software to help me analyse and present data and information</p>	<p>I can explain how an algorithm works and display them in a range of software</p>	<p>I use logical reasoning to detect errors</p>	<p>I select, use and combine software on a range of digital devices (I can combine software and hardware to solve real life problems) I design a solution by breaking up a problem I recognise different solutions can exist for the same problem</p>	