

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1	<b>Online Safety</b> -Using technology purposefully to create. Using technology purposefully to organise. -Using technology purposefully to store. Using technology purposefully to manipulate. -Using technology purposefully to retrieve. -Recognising common uses of information technology beyond school. -Using technology safely and respectfully.	<b>Programming Toys</b> -Algorithms and what they are. -How algorithms are implemented as programs on digital devices. -Programs and how they execute by following precise and unambiguous instructions. -Creating and debugging simple programs. -Using logical reasoning to predict the behaviour of simple programs. -Using technology purposefully to create. -Using technology purposefully to organise. -Using technology purposefully to retrieve.	<b>Painting</b> -Using logical reasoning to predict the behaviour of simple programs. -Using technology purposefully to create. -Using technology purposefully to manipulate.	<b>Computing Skills</b> -Using technology purposefully to manipulate. -Using technology purposefully to retrieve. -Using technology safely and respectfully.	<b>Word Processing Skills</b> -Using technology purposefully to create. -Using technology purposefully to organise. -Using technology purposefully to store. -Using technology purposefully to manipulate. -Using technology purposefully to retrieve. -Recognising common uses of information technology beyond school.	<b>Scratch Jr Programming</b> -Algorithms and what they are. -How algorithms are implemented as programs on digital devices -Programs and how they execute by following precise and unambiguous instructions. -Creating and debugging simple programs. -using logical reasoning to predict the behaviour of simple programs
Year 2	<b>Online Safety</b> Digital footprints Keywords You be the judge Rate and review Being kind online Cyber snakes and ladders	<b>Preparing for Turtle Logo</b> Moving forward and making turns Half and quarter turns Right 90 and left 90 Completing algorithms Command abbreviations From here to there	<b>Programming Turtle Logo and Scratch</b> Drawing shapes Repeat Movement and sound Repeat and say something Green flag Sprites	<b>Digital Artists</b> Pixel pointillism Mastering Mondrian Producing Picasso Matching Monet Perfecting pop art Magnificent masterpiece	<b>Presentation Skills</b> Folders What is a presentation? New slide and slide layout Add and format an image Reorder slides and present Searching and printing	<b>Technology Around Us</b> Technology in school Technology in the home A world of information technology What is the use of information technology? The story of information technology Information technology of the future
Year 3	<b>Online Safety</b> computer networks including the Internet;	<b>Programming Turtle Logo and Scratch</b> designing, writing and debugging programs that accomplish specific	<b>Word Processing</b> using technology safely, respectfully and responsibly	<b>Internet Research and Communication</b> computer networks including the Internet;	<b>Presentation Skills</b> selecting, using and combining a variety of software (including Internet services) on a	<b>Using and Applying</b> selecting, using and combining a variety of software (including Internet services) on a

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	computer networks including the Internet; opportunities computer networks offer for communication and collaboration; using technology safely, respectfully and responsibly; how to recognise acceptable and unacceptable behaviour; how to identify a range of ways to report concerns about content and contact.	goals including controlling or simulating physical systems; solving problems by decomposing them into smaller parts; using sequence, selection and repetition in programs; work with variables and various forms of input and output; using logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs;	; how to recognise acceptable and unacceptable behaviour; how to identify a range of ways to report concerns about content and contact.	how computer networks can provide multiple services, such as the World Wide Web; opportunities computer networks offer for communication and collaboration;	range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;	range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;  <b>Drawing and Desk Top Publishing</b> selecting, using and combining a variety of software (including Internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;
<b>Year 4</b>	<b>Online Safety</b> Using technology safely, respectfully and responsibly; how to recognise acceptable and unacceptable behaviour; how to identify a range of ways to report concerns about content and contact.	<b>Scratch: Questions and Quizzes</b> Designing, writing and debugging programs that accomplish specific goals including controlling or simulating systems; solving problems by decomposing into smaller parts; using sequence, selection and repetition in programs; work with variables and various forms of input and output.	<b>Programming Turtle Logo</b> Designing, writing and debugging programs that accomplish specific goals including controlling or simulating systems; solving problems by decomposing into smaller parts; using sequence, selection and repetition in programs; work with variables and various forms of input and output; using logical	<b>Animation</b> Selecting, using and combining a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	<b>Word Processing</b> Selecting, using and combining a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	<b>Using and Applying</b> Selecting, using and combining a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

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			reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.			
<b>Year 5</b>	<b>Online Safety</b> Using search technologies effectively; how results are selected and ranked; how to be discerning in evaluating digital content; using technology safely, respectfully and responsibly; how to recognise acceptable and unacceptable behaviour; how to identify a range of ways to report concerns about content and contact.	<b>Scratch: Developing Games</b> Designing, writing and debugging programs that accomplish specifics goals including controlling or simulating physical systems; solve problems by decomposing into smaller parts; using sequence, selection and repetition in programs; work with variable and various forms of input and output; using logical reasoning to explain how some simple algorithms work and detect and correct errors in algorithms and programs.	<b>Flowol</b> Designing, writing and debugging programs that accomplish specifics goals including controlling or simulating physical systems; solve problems by decomposing into smaller parts; using sequence, selection and repetition in programs; work with variable and various forms of input and output; using logical reasoning to explain how some simple algorithms work and detect and correct errors in algorithms and programs.	<b>Radio Station</b> Selecting, using and combining a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	<b>Strategic Searching Online</b> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	<b>Using and Applying</b> Selecting, using and combining a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
<b>Year 6</b>	<b>Online Safety</b> - using technology safely, respectfully and responsibly	<b>Scratch: Animated stories</b> - designing, writing and debugging programs that accomplish specific goals including controlling or simulating physical systems, - solving problems by decomposing into smaller parts; - using sequence, selection, and repetition in programs; work with variables and various	<b>Kodu programming:</b> - selecting, using and combining a variety of software (including Internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;	<b>Spreadsheets:</b> - selecting, using and combining a variety of software (including Internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;	<b>Film making:</b> - understand computer networks including the Internet; - how computer networks can provide multiple services, such as the world wide web; - opportunities computer networks offer for communication and collaboration; - using search technologies effectively; - how results are selected and ranked;	<b>Using and Applying:</b> Selecting, using and combining a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

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		forms of input and output; - using logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs;	- designing, writing and debugging programs that accomplish specific goals including controlling or simulating physical systems; - solving problems by decomposing into smaller parts; - using sequence, selection, and repetition in programs; work with variables and various forms of input and output; - using logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs;		- how to be discerning in evaluating digital content; - selecting, using and combining a variety of software (including Internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;	
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Field Trips

Theme Days