

Year	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>Year 1</b>	<p><b>Online Safety</b></p> <ul style="list-style-type: none"> <li>-Using technology purposefully to create.</li> <li>Using technology purposefully to organise.</li> <li>-Using technology purposefully to store.</li> <li>Using technology purposefully to manipulate.</li> <li>-Using technology purposefully to retrieve.</li> <li>-Recognising common uses of information technology beyond school.</li> <li>-Using technology safely and respectfully.</li> </ul>	<p><b>Programming Toys</b></p> <ul style="list-style-type: none"> <li>-Algorithms and what they are.</li> <li>-How algorithms are implemented as programs on digital devices.</li> <li>-Programs and how they execute by following precise and unambiguous instructions.</li> <li>-Creating and debugging simple programs.</li> <li>-Using logical reasoning to predict the behaviour of simple programs.</li> <li>-Using technology purposefully to create.</li> <li>-Using technology purposefully to organise.</li> <li>-Using technology purposefully to retrieve.</li> </ul>	<p><b>Painting</b></p> <ul style="list-style-type: none"> <li>-Using logical reasoning to predict the behaviour of simple programs.</li> <li>-Using technology purposefully to create.</li> <li>-Using technology purposefully to manipulate.</li> </ul>	<p><b>Computing Skills</b></p> <ul style="list-style-type: none"> <li>-Using technology purposefully to manipulate.</li> <li>-Using technology purposefully to retrieve.</li> <li>-Using technology safely and respectfully.</li> </ul>	<p><b>Word Processing Skills</b></p> <ul style="list-style-type: none"> <li>-Using technology purposefully to create.</li> <li>-Using technology purposefully to organise.</li> <li>-Using technology purposefully to store.</li> <li>-Using technology purposefully to manipulate.</li> <li>-Using technology purposefully to retrieve.</li> <li>-Recognising common uses of information technology beyond school.</li> </ul>	<p><b>Scratch Jr Programming</b></p> <ul style="list-style-type: none"> <li>-Algorithms and what they are.</li> <li>-How algorithms are implemented as programs on digital devices</li> <li>-Programs and how they execute by following precise and unambiguous instructions.</li> <li>-Creating and debugging simple programs.</li> <li>-using logical reasoning to predict the behaviour of simple programs</li> </ul>
<b>Year 2</b>	<p><b>Online Safety</b></p> <ul style="list-style-type: none"> <li>- recognising common uses of information technology beyond school</li> <li>- using technology safely and respectfully</li> <li>- the need to keep personal information private</li> <li>- where to go for help and support when they have concerns about content or contact on the Internet or other online technologies</li> </ul>	<p><b>Preparing for Turtle Logo</b></p> <ul style="list-style-type: none"> <li>-algorithms and what they are</li> <li>-how algorithms are implemented as programs on digital devices</li> <li>-programs and how to execute by following precise and unambiguous instructions</li> <li>-creating and debugging simple programs</li> <li>-recognising common uses of information</li> </ul>	<p><b>Programming Turtle Logo and Scratch</b></p> <ul style="list-style-type: none"> <li>-algorithms and what they are</li> <li>-how algorithms are implemented as programs on digital devices</li> <li>-programs and how to execute by following precise and unambiguous instructions</li> <li>-creating and debugging simple programs</li> </ul>	<p><b>Using the Internet &amp; Using and Applying</b></p> <ul style="list-style-type: none"> <li>- algorithms and what they are</li> <li>-how algorithms are implemented as programs on digital devices</li> <li>-programs and how to execute by following precise and unambiguous instructions</li> <li>-creating and debugging simple programs</li> </ul>	<p><b>Computer Art &amp; Presentation Skills</b></p> <ul style="list-style-type: none"> <li>using technology purposefully to create, organise, store, manipulate and retrieve</li> <li>- recognising common uses of information technology beyond school</li> <li>- using technology safely and respectfully</li> </ul>	<p><b>Technology Around Us</b></p> <ul style="list-style-type: none"> <li>- recognising common uses of information technology beyond school</li> <li>- using technology safely and respectfully</li> </ul>

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		technology beyond school	using logical reasoning to predict the behaviour of simple program	<ul style="list-style-type: none"> <li>-recognising common uses of information technology beyond school</li> <li>using logical reasoning to predict the behaviour of simple program</li> <li>- recognising common uses of information technology beyond school</li> <li>- using technology safely and respectfully</li> <li>- the need to keep personal information private</li> <li>- where to go for help and support when they have concerns about content or contact on the Internet or other online technologies</li> </ul>		
<b>Year 3</b>	<p><b>Online Safety</b> computer networks including the Internet;</p> <p>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.</p>	<p><b>Programming Turtle Logo and Scratch</b> designing, writing and debugging programs that accomplish specific goals including controlling or simulating physical systems;</p> <p>solving problems by decomposing them into smaller parts;</p> <p>using sequence, selection and repetition in programs; work with variables and various forms of input and output;</p> <p>using logical reasoning to explain how some simple algorithms work and to detect and correct</p>	<p><b>Word Processing</b> using technology safely, respectfully and responsibly ;</p> <p>how to recognise acceptable and unacceptable behaviour;</p> <p>how to identify a range of ways to report concerns about content and contact.</p>	<p><b>Internet Research and Communication</b> computer networks including the Internet;</p> <p>how computer networks can provide multiple services, such as the World Wide Web;</p> <p>opportunities computer networks offer for communication and collaboration;</p>	<p><b>Presentation Skills</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;</p>	<p><b>Using and Applying</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;</p> <p><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</p>

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		errors in algorithms and programs;				range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information;
<b>Year 4</b>	<p><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.</p>	<p><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.</p>	<p><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 reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.</p>	<p><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 and presenting data and information.</p>	<p><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 and presenting data and information.</p>	<p><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</p>
<b>Year 5</b>	<p><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</p>	<p><b>Scratch: Developing Games</b> Designing, writing and debugging programs that accomplish specific 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</p>	<p><b>Flowol</b> Designing, writing and debugging programs that accomplish specific 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</p>	<p><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 and presenting data and information.</p>	<p><b>Strategic Searching Online</b> Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p>	<p><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</p>

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	to report concerns about content and contact.	and output; using logical reasoning to explain how some simple algorithms work and detect and correct errors in algorithms and programs.	reasoning to explain how some simple algorithms work and detect and correct errors in algorithms and programs.			
<b>Year 6</b>	<p><b>Online Safety</b></p> <ul style="list-style-type: none"> <li>- using technology safely, respectfully and responsibly</li> </ul>	<p><b>Scratch: Animated stories</b></p> <ul style="list-style-type: none"> <li>- designing, writing and debugging programs that accomplish specific goals including controlling or simulating physical systems,</li> <li>- solving problems by decomposing into smaller parts;</li> <li>- using sequence, selection, and repetition in programs; work with variables and various forms of input and output;</li> <li>- using logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs;</li> </ul>	<p><b>Kodu programming:</b></p> <ul style="list-style-type: none"> <li>- 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;</li> <li>- designing, writing and debugging programs that accomplish specific goals including controlling or simulating physical systems;</li> <li>- solving problems by decomposing into smaller parts;</li> <li>- using sequence, selection, and repetition in programs; work with variables and various forms of input and output;</li> <li>- using logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs;</li> </ul>	<p><b>Spreadsheets:</b></p> <ul style="list-style-type: none"> <li>- 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;</li> </ul>	<p><b>Film making:</b></p> <ul style="list-style-type: none"> <li>- understand computer networks including the Internet;</li> <li>- how computer networks can provide multiple services, such as the world wide web;</li> <li>- opportunities computer networks offer for communication and collaboration;</li> <li>- using search technologies effectively;</li> <li>- how results are selected and ranked;</li> <li>- how to be discerning in evaluating digital content;</li> <li>- 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;</li> </ul>	<p><b>Using and Applying:</b></p> <p>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</p>

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Field Trips

Theme Days

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