



# End of Year Expectations

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## Shinewater Primary School End of Year Expectations and Key Assessment Criteria for Computing

Key Stage	Year Group	Digital World	Programming 1	Electronic Safety	Data Handling	Programming 2	Digital Presentation
<b>Key Stage 1</b>	<b>1</b>	<p>WALT name the external parts of a computer.</p> <p>WALT use a Qwerty keyboard purposefully.</p> <p>WALT type using the correct fingers.</p> <p>WALT identify digital devices in my environment.</p> <p>WALT evaluate whether technology can help improve how we learn.</p>	<p>WALT organise an algorithm into a logical sequence.</p> <p>WALT test an algorithm to see what it does.</p> <p>WALT follow a code</p> <p>WALT create a code.</p> <p>WALT give a robot simple instructions.</p>	<p>WALT understand that some information doesn't need to be shared.</p> <p>WALT that not everyone we meet is trustworthy.</p> <p>WALT understand ways of telling if a person is trustworthy.</p> <p>WALT know how to deal with an 'uh-oh' feeling.</p> <p>WALT understand the feelings of someone who is being bullied.</p>	<p>WALT organise information on a chart</p> <p>WALT organise information on a spreadsheet.</p> <p>WALT locate and name cells.</p> <p>WALT use a spreadsheet to find information.</p> <p>WALT gather and analyse my own data, using a spreadsheet.</p>	<p>WALT create a light sequence on a robot.</p> <p>WALT use a delay into a program to make it behave in a specific way.</p> <p>WALT improve a program by editing it</p> <p>WALT edit a robot's program so it works efficiently, even in difficult conditions.</p> <p>WALT add a further instruction to a successful program, making more complex.</p>	<p>WALT use digital paint tools and colours to create images.</p> <p>WALT use a range of digital animation tools.</p> <p>WALT create a sequence of animated frames.</p> <p>WALT use more advanced animation tools to make an animation more complex.</p> <p>WALT independently creating a digital animation of my choice.</p> <p>WALT present my digital work to an audience and explain how I achieved my endpoint.</p>



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<b>Key Stage 1</b>	<b>2</b>	<p>WALT identify input and output devices.</p> <p>WALT identify digital output devices around us.</p> <p>WALT demonstrate how technology can make some tasks easier.</p> <p>WALT use a keyboard purposefully.</p> <p>WALT use a range of fonts, font sizes and font colours.</p>	<p>WALT locate and debug faults in a Logo program.</p> <p>WALT write a Logo program that has a purpose.</p> <p>WALT write precise instructions using Logo.</p> <p>WALT use a repeat in a Logo program.</p> <p>WALT read and understand unfamiliar Logo programs</p>	<p>WALT know how to deal with an e-safety worry.</p> <p>WALT explain why I should keep my personal details private online.</p> <p>WALT know what to do when a stranger contacts me online.</p> <p>WALT understand the effects of cyberbullying.</p> <p>WALT understand why we should check with an adult before playing online games.</p>	<p>WALT collect and organise data using a digital device.</p> <p>WALT locate cells on a spreadsheet.</p> <p>WALT create a simple formula.</p> <p>WALT analyse data and draw conclusions.</p> <p>WALT use a formula for a purpose.</p>	<p>WALT find different ways to start a program.</p> <p>WALT control the movement of an object in a program.</p> <p>WALT make an object interact with its environment.</p> <p>WALT program instructions to repeat as many times as I decide.</p> <p>WALT debug a simple program.</p>	<p><i>Using ideas from Eduardo Paolozzi artwork</i></p> <p>WALT digitally research the work and style of an artist.</p> <p>WALT use digital tools to mimic the style of a known artist.</p> <p>WALT use technology to contribute to a piece of group work.</p> <p>WALT create a simple algorithm related to a specific task.</p>

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<b>Key Stage 2</b>	<b>3</b>	<p>WALT successfully log into a digital account.</p> <p>WALT personalise a digital account</p> <p>WALT create a digital folder and store a document in it.</p> <p>WALT use digitally communication in a polite, respectful way.</p> <p>WALT use digital collaboration tools.</p>	<p>WALT identify the steps needed to reach an endpoint</p> <p>WALT program a robot to perform manoeuvres that are more complex.</p> <p>WALT use a repeated function.</p> <p>WALT predict the outcome of a complex program</p> <p>WALT adapt and modify a complex program, debugging as I go.</p>	<p>WALT create an algorithm for dealing with an e-safety worry.</p> <p>WALT know how to deal with an online stranger.</p> <p>WALT understand why some digital games are not appropriate for children.</p> <p>WALT explain what to do when I see something inappropriate online.</p> <p>WALT manage a positive digital footprint using British Values to help.</p>	<p>WALT organise information on a spreadsheet.</p> <p>WALT find and name specific cells on a spreadsheet.</p> <p>WALT write a formula.</p> <p>WALT use a formula to find specific information.</p> <p>WALT demonstrate my understanding of spreadsheets. .</p>	<p>WALT identify the start and endpoint in a Scratch sequence</p> <p>WALT program a repeat and explain why I have used it.</p> <p>WALT programme a sequence in Scratch involving a user input to create a specific output.</p> <p>WALT programme objects to interact.</p> <p>WALT program objects to interact with each other.</p>	<p><i>Using ideas from Andreas Gursky photography</i></p> <p>WALT search and save specific information or media for a particular purpose.</p> <p>WALT use digitally create work for a specific purpose.</p> <p>WALT modify and manipulate a digital image for a specific purpose.</p> <p>WALT confidently use a range of advanced digital art tools.</p> <p>WALT showcase digital art work create from a brief.</p>
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<b>Key Stage 2</b>	<b>4</b>	<p>WALT explain what the World Wide Web is.</p> <p>WALT explain how the internet works.</p> <p>WALT construct an illustration of the internet.</p> <p>WALT use specific web search features.</p> <p>WALT insert hyperlinks into my work.</p>	<p>WALT suggest a simple program for a robot to complete.</p> <p>WALT use logical reasoning when programming.</p> <p>WALT convert an algorithm into a program.</p> <p>WALT find and fix errors in a program.</p> <p>WALT read and interpret a program fluently.</p>	<p>WALT create an algorithm for dealing with an e-safety worry.</p> <p>WALT understand how easy it is to give away personal information.</p> <p>WALT understand the PEGI rating system.</p> <p>WALT manage our digital footprint.</p> <p>WALT be aware of what personal information we give away.</p>	<p>WALT name and format columns and row titles.</p> <p>WALT use a 'SUM' formula.</p> <p>WALT use the drag feature to autocomplete a formula in multiple cells.</p> <p>WALT use conditional formatting.</p> <p>WALT analyse a spreadsheet and draw conclusions.</p>	<p>WALT place flowchart blocks in a logical way in Flowol to get a specific output.</p> <p>WALT programme a loop in Flowol.</p> <p>WALT place a delay in a Flowol sequence and explain its role.</p> <p>WALT run two separate sequences, in Flowol, that work to achieve a combined output.</p> <p>WALT fragment a system in Flowol to identify and debug errors.</p> <p>WALT create multiple sequences that work together to make a system.</p>	<p><i>Using ideas from Darren Rowse photography</i></p> <p>WALT use technology to create and present my ideas.</p> <p>WALT edit and improve a digital image.</p> <p>WALT decide the best frame format when taking a picture.</p> <p>WALT use the digital skills I have developed to create meaningful content.</p> <p>WALT determine the best way to achieve impact on a piece of digital artwork.</p>



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<b>Key Stage 2</b>	<b>5</b>	<p>WALT explain how the internet has evolved over time.</p> <p>WALT illustrate how a LAN is set up</p> <p>WALT explain the differences between wired, wireless and data connections.</p> <p>WALT break down the internet into its components.</p> <p>WALT evaluate a piece of software.</p>	<p>WALT familiarise myself with the way a robot functions.</p> <p>WALT sequence a set of instructions into a logical order.</p> <p>WALT trigger sections of code by broadcasting.</p> <p>WALT use and adapt a program that uses real-time controls.</p> <p>WALT create a pseudo random output.</p>	<p>WALT create an algorithm for dealing with an e-safety worry.</p> <p>WALT know how age ratings affects us.</p> <p>WALT identify what is and what isn't personal information.</p> <p>WALT understand the rules of copyright.</p> <p>WALT prove whether a website's information is real or fake.</p>	<p>WALT write and use the most effective formula for a job.</p> <p>WALT identify three different data types.</p> <p>WALT use a filter to find specific information.</p> <p>WALT use an 'if' condition.</p> <p>WALT use an 'if' condition to analyse date.</p>	<p>WALT recall the name of, and explain the use of, blocks used in Flowol.</p> <p>WALT use a decision box in a sequence to allow more than one output.</p> <p>WALT programme a variable output in Flowol.</p> <p>WALT fragment a system into separate sequences and program those sequences.</p> <p>WALT create a variable that is controlled by a set of delays that I have chosen to be appropriate.</p>	<p>WALT work with 'X' 'Y' and 'Z' axis' to create a digital shape.</p> <p>WALT use familiar CAD tools with more accuracy.</p> <p>WALT add context to a CAD object by specifying and justifying what materials could be used in construction.</p> <p>WALT use accurate measurements when designing a CAD model.</p> <p>WALT use tools that help me create CAD objects to scale.</p> <p>WALT use a wide range of CAD tools independently and accurately.</p>



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<b>Key Stage 2</b>	<b>6</b>	<p>WALT identify the basic internal components of a digital device.</p> <p>WALT compare and contrast the differences between different devices</p> <p>WALT disassemble a laptop and locate key components.</p> <p>WALT add purposeful hyperlinks, which I have vetted, to my work.</p> <p>WALT evaluate the content of a website or web page and use strategies to prove if it is real or fake.</p>	<p>WALT explore and explain the origins of the Python programming language.</p> <p>WALT create an output in Python.</p> <p>WALT find and fix syntax errors.</p> <p>WALT use an 'escape sequence' in Python.</p> <p>WALT use multiple escape sequences.</p>	<p>WALT create an algorithm for dealing with an e-safety worry.</p> <p>WALT manage our digital footprint.</p> <p>WALT understand some of the dangers of video chatting.</p> <p>WALT understand the law related to copyright infringement.</p> <p>WALT define and analyse the cause and effects of cyberbullying.</p>	<p>WALT read data and draw conclusions.</p> <p>WALT use formula with an 'if' condition.</p> <p>WALT use formula with nested 'if.' conditions.</p> <p>WALT use formula with a 'vlookup' function.</p> <p>WALT create a spreadsheet that has a purpose.</p>	<p>WALT use the if-then-else instruction.</p> <p>WALT create a program that enables a robot to interact with a user.</p> <p>WALT program relational operators to compare two values.</p> <p>WALT create a program that performs a specific task.</p>	<p>WALT demonstrate my prior knowledge of a CAD program.</p> <p>WALT use specific digital tools for a purpose.</p> <p>WALT use CAD to build a scaled model.</p> <p>WALT use animation tools to highlight specific area of a CAD model.</p> <p>WALT present a finished piece of CAD work.</p>