

<u>Year 1 computer user</u>	<u>Year 2 computer user</u>	<u>Year 3 computer user</u>
<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I create a series of instructions • I plan a journey for a programmable toy <p>Information technology</p> <ul style="list-style-type: none"> • I create digital content • I store digital content • I retrieve digital content • I use a website • I use a camera • I record sound and play back <p>Digital literacy</p> <ul style="list-style-type: none"> • I use technology safely • I keep personal information private 	<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I use a range of instructions (e.g. direction, angles, turns) • I test and amend a set of instructions • I find errors and amend (debug) • I write a simple program and test it • I predict what the outcome of a simple program will be (logical reasoning) • I understand that algorithms are used on digital devices • I understand that programs require precise instructions <p>Information technology</p> <ul style="list-style-type: none"> • I organise digital content • I retrieve and manipulate digital content • I can navigate the web to complete simple searches <p>Digital literacy</p> <ul style="list-style-type: none"> • I use technology respectfully • I know where to go for help if I am concerned • I know how technology is used in school and outside of school 	<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I design a sequence of instructions, including directional instructions • I write programs that accomplish specific goals • I work with various forms of input • I work with various forms of output <p>Information technology</p> <ul style="list-style-type: none"> • I use a range of software for similar purposes • I collect information • I design and create content • I present information • I search for information on the web in different ways • I manipulate and improve digital images <p>Digital literacy</p> <ul style="list-style-type: none"> • I use technology respectfully and responsibly • I know different ways I can get help if I am concerned • I understand what computer networks do and how they provide multiple services • I discern where it is best to use technology and where it adds little or no value

<u>Year 4 computer user</u>	<u>Year 5 computer user</u>	<u>Year 6 computer user</u>
<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I experiment with variables to control models • I give an on-screen robot specific instructions that takes them from A to B • I make an accurate prediction and explain why I believe something will happen (linked to programming) • I de-bug a program <p>Information technology</p> <ul style="list-style-type: none"> • I select and use software to accomplish given goals • I collect and present data • I produce and upload a podcast <p>Digital literacy</p> <ul style="list-style-type: none"> • I recognise acceptable and unacceptable behaviour using technology 	<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I combine sequences of instructions and procedures to turn devices on and off • I use technology to control an external device • I design algorithms that use repetition and 2-way selection <p>Information technology</p> <ul style="list-style-type: none"> • I analyse information • I evaluate information • I understand how search results are selected and ranked • I edit a film <p>Digital literacy</p> <ul style="list-style-type: none"> • I understand that you have to make choices when using technology and that not everything is true and/or safe 	<p>Algorithms and programming</p> <ul style="list-style-type: none"> • I design a solution by breaking a problem up • I recognise that different solutions can exist for the same reason • I use logical reasoning to detect errors in algorithms • I use selection in programs • I work with variables • I explain how an algorithm works • I explore 'what if' questions by planning different scenarios for controlled devices <p>Information technology</p> <ul style="list-style-type: none"> • I select, use and combine software on a range of digital devices • I use a range of technology for a specific project <p>Digital literacy</p> <ul style="list-style-type: none"> • I discuss the risks of online use of technology • I identify how to minimise risks