



Computing End Points: Key Assessment Criteria.

Nanpean Community Primary School
Nurturing Children's Passion to Succeed

<i>By the end of KS1 (teaching content covered in Years 1 and 2):</i>	<i>By the end of LKS2 (teaching content covered in Years 3 and 4):</i>	<i>By the end of UKS2 (teaching content covered in Years 5 and 6):</i>
<p><u>Algorithms & programming</u></p> <ul style="list-style-type: none"> I can create, use, test and amend (debug) instructions (e.g. directional changes) I can write, predict the outcome and test a simple programme I can give precise instructions for algorithms used on digital devices <p><u>Information technology</u></p> <ul style="list-style-type: none"> I can create and manipulate digital content I can store, organise and retrieve digital content I can use a camera, record sound and playback I can complete simple web searches <p><u>Digital literacy</u></p> <ul style="list-style-type: none"> I can use technology safely and respectfully I can keep personal information private I know where to go to for help I know how technology is used inside and outside of school 	<p><u>Algorithms & programming</u></p> <ul style="list-style-type: none"> I can create, use, test and amend (debug) instructions (e.g. direction, angles, turns) I can give a robot instruction for a movement from A to B I can write programmes to complete a specific task I can debug a programme I can experiment with variables to control models I can predict and explain a programming outcome I can work with various form of input/output <p><u>Information technology</u></p> <ul style="list-style-type: none"> I can collect, present and search for data on the web in different ways I can select and use software to accomplish a goal I can design and create content I can produce and upload a podcast I can manipulate and improve digital images <p><u>Digital literacy</u></p> <ul style="list-style-type: none"> I can use technology respectfully and responsibly I know different ways I can get help I understand what computer networks do I can discern where it is best to use technology and where it adds little/no value I can recognise acceptable/unacceptable behaviour 	<p><u>Algorithms & programming</u></p> <ul style="list-style-type: none"> I can design and recognise different solutions to the same problem I can reason about errors in an algorithm I can use technology to control an external device I can combine sequences of instructions and procedures to turn devices on and off I can use repetition within algorithms I can work with variables I can explain how an algorithm works <p><u>Information technology</u></p> <ul style="list-style-type: none"> I can analyse, evaluate and search for information I understand how search results are ranked I can edit film I can select, use and combine software on a range of digital devices I can use a range of technology for a project <p><u>Digital literacy</u></p> <ul style="list-style-type: none"> I can discuss the risks of online use of technology and identify how they can be minimised I understand that you have to make choices when using technology and that not everything is true/safe
By the end of KS1 (Year 2) I will be a <u>Growing</u> computer user.	By the end of LKS2 (Year 4) I will be a <u>Skilled</u> computer user.	By the end of UKS2 (Year 6) I will be an <u>Experienced</u> computer user.