

<u>Computing</u> <u>Year Five</u>	Name																	
Create a program to control a device?																		
Recognise that different solutions can exist for the same problem?																		
Design algorithms that use repetition?																		
Begin to work with variables?																		
Begin to explore 'what if' questions by planning different scenarios for controlled devices?																		
Using logical reasoning, look at an algorithm and make a prediction, explaining why he/she believes something will happen?																		
Use logical reasoning to begin to detect errors in increasingly complex algorithms?																		
Have a basic understanding of computer networks, including the internet, and the opportunities they offer for communication and collaboration?																		
Select, use and combine software on a range of digital devices?																		
Use a range of technology for a specific project (eg create and use programs and content)?																		
Analyse information?																		
<u>E-safety and digital literacy</u>																		
Use the internet and other technology safely and critically																		
<ul style="list-style-type: none"> Understand how search results are selected and ranked? 																		
<ul style="list-style-type: none"> Competently use the internet as a search tool? 																		
<ul style="list-style-type: none"> Recognise that information on the internet may not be accurate or reliable and may be used for bias, manipulation or persuasion (eg wikis, blogs)? 																		
<ul style="list-style-type: none"> Recognise why people may publish content that is not accurate and understand the need to be critical evaluators of content? 																		
<ul style="list-style-type: none"> Understand that the outcome of internet searches at home may be different than at school? 																		
<ul style="list-style-type: none"> Understand that some websites and/or pop-ups have commercial interests that may affect the way the information is presented? 																		
<ul style="list-style-type: none"> Recognise the potential risks of using internet communication tools and understand how to minimise those risks (including scams and phishing)? 																		
<ul style="list-style-type: none"> Use knowledge of the meaning of different domain names and common website extensions (eg .co.uk; .com; .ac; .sch; .org; .gov; .net) to support validation of information? 																		
<ul style="list-style-type: none"> Know the difference between online communication tools used in school and those used at home? 																		
<ul style="list-style-type: none"> Use appropriate strategies for finding, critically evaluating, validating and verifying information. eg using different keywords, skim reading to check relevance of information, cross checking with different websites or other non ICT resources? 																		
Recognise what is personal information and keep it private																		
<ul style="list-style-type: none"> Understand that if they make personal information available online it may be seen and used by others and is extremely difficult to remove? 																		

