



Year 1 Computing Subject Map



<u>DRIVER WORDS</u>		
EYFS	Year 1	Year 2
Describe, Perform, Record, Explore, Create, Identify	Sequence instructions, Control devices, Classify, Represent data, Retrieve, Recognise e-safety issues	Plan, Construct, Record, Save, Retrieve, Use different kinds of data, Understand protection of personal information

<u>AGE RELATED EXPECTATIONS</u>					
COMPUTER SCIENCE		INFORMATION TECHNOLOGY		DIGITAL LITERACY/INTERNET SAFETY	
<i>Algorithms, problem solving and reasoning</i>	1. Describe algorithms as sequences of instructions in everyday contexts. 2. Plan a sequence of steps to solve real-life problems. 3. Program floor robots using sequences of instructions (using directional language) to implement an algorithm. 4. Create programs for floor robots and sprites on the screen using a number of steps in order before pressing the Go button. 5. Begin to use conditional language like “if” and “when.”	<i>Digital Productivity, Creating Content</i>	7. Use digital technology to store and retrieve content. 8. Identify different kinds of content. 9. Create original content using digital technology. 10. Use a mouse to navigate around the computer screen.	Safe Use	11. Know how to use technology safely and respectfully 12. Identify what personal information is and how to keep this private. 13. Identify what to do if they see disturbing content online at home or at school. 14. Identify ways to keep themselves safe while using digital technology. 15. Understand that information on the internet can be seen by others. 16. Describe some of the risks that occur on the internet. 17. Know how to save work to designated private space
<i>Logical Reasoning</i>	6.Explain what they think a program will do.	<i>Searching</i>		Uses beyond school	18. Show an awareness of how IT is used for communication beyond school. 19. Know some of the IT uses in their own home 20. Know how to make a distinction between objects that use modern
<i>Networks and Search engines</i>				Digital Creativity	

<u>COMPUTING VOCABULARY</u>
Algorithm, create, command, organise, sequence, software, store program, digital content, digital devices, computer network , personal information, world wide web , app/application, command, computer, data, device, digital, download, home button, input, internet, iPad, laptop, log in/on, Online safety, output, password, program, record, save, tablet, tap, type, username