Year 1 Progression in Computing

Unit 1- Computing Systems	Unit 2- Creating Media	Unit 3- Programming A	Unit 4- Data and Information	Unit 5- Creating Media	Unit 6- Programming B	Touch Typing
• I know how to use technology responsibly • I know how to use and mouse a keyboard	• I know how to use a range of tools for digital painting.	• I know how to give and follow simple instructions.	• I know how computers label and group objects based on their properties.	• I know how to edit simple text. • I know how to use the simple functions of a mouse and keyboard.	• I know how to create a simple algorithm in Scratch Jr	• I know how to touch type
• I will know what is and what is not technology • I will know how to identify a computer and its main parts • I will know how to use a mouse to open a program and create a simple picture • I will know how to use a keyboard to type on a computer • I will know how to use a keyboard to edit text • I will know rules for using technology responsibly in and beyond the home	• I will know what different freehand tools do • I will know how to use the shape tool and the line tools • I will know to make careful choice when painting a digital picture • I will know how to explain why I chose the tools I used for my painting • I will know how to use a computer to paint a picture independently • I will know how to compare painting a picture on a computer and on paper	• I will know what a given command will do • I will know how act out a give word • I will know how to combine 'forwards' and 'backwards' to make a sequence • I will know how to combine four direction commands to make sequences • I will know how to plan a simple program • I will know how to find more than one solution to a problem	• I will know how to label objects • I will know how to identify that objects can be counted • I will know how describe objects in different ways • I will know how to count objects with the same properties • I will know how answer questions about groups of objects • I will know how to answer questions about groups of objects	• I will know how to use a computer to write • I will know how to add and remove text on a computer • I will know how to identify that the look of text can be changed on a computer • I will know how to make careful choices when changing text • I will know how to explain why I used the tools that I chose • I will know how to compare typing on a computer to writing on paper	• I will know how to choose a command for a give purpose • I will know that a series of commands can be joined together • I will know the effect of changing a value • I will know that each sprite has its own instructions • I will know how to design the parts of a project • I will know how to use my algorithm to create a program	• I will know how to touch type • I will know the position and arrangement of keys