Computing End of Year Expectations for Children in Year *4*

Computing Systems and Networks The Internet **Autumn Term**	Creating media Photo Editing **Spring Term**	Programming A Repetition in shapes **Autumn Term**	Data and Information Data logging **Summer Term**	Creating media Audio production **Summer Term**	Programming B Repetition in games **Spring Term**
I can explain that internet services can be used to create content online I can explain what media can be found on websites I can recognise that I can add content to the WWW	I can explain why I might crop an image I can improve an image by rotating it I can use photo editing software to crop an image	I can create a code snippet for a given purpose I can explain the effect of changing a value of a command I can program a computer by typing commands	can choose a data set to answer a given question I can identify data that can be gathered over time I can suggest questions that can be answered using a given data set	I can explain that the person who records the sound can say who is allowed to use it I can identify the input and output devices used to record and play sound I can use a computer to record audio	I can list an everyday task as a set of instructions including repetition I can modify a snippet of code to create a given outcome I can predict the outcome of a snippet of code
I can explain that there are rules to protect content	I can choose suitable images for my project I can create a project that is a combination of other images I can describe the image I want to create	I can predict the outcome of a program containing a count-controlled loop	I can explain that there are different ways to view data I can sort data to find information I can view data at different levels of detail	I can improve my voice recordings I can record content following my plan I can review the quality of my recordings	I can explain the effect of my changes I can identify which parts of a loop can be changed
I can explain that not everything on the World Wide Web is true I can explain why I need to think carefully before I share or reshare content I can explain why some information I find online may not be honest, accurate, or legal	I can combine text and my image to complete the project I can review images against a given criteria I can use feedback to guide making changes	I can design a program that includes count-controlled loops I can develop my program by debugging it I can make use of my design to write a program	I can draw conclusions from the data that I have collected I can explain the benefits of using a data logger I can interpret data that has been collected using a data logger	I can choose appropriate edits to improve my podcast I can listen to an audio recording to identify its strengths I can suggest improvements to an audio recording	I can build a program that follows my design I can evaluate the steps I followed when building my project I can refine the algorithm in my design