Year 5		
iJam	iprogram	ioffice
 IJam To be able to know where Hip-Hop originated from. To be able to explain what sampling is. To be able to know what a hook is and why it is important to a song. To be able to understand that rap is a vocal style first used in Hip-Hop music. To be able to know the two different types of Hip-Hop: Nu Skool and Old Skool. To be able to know what a hype man is and can explain their role. To be able to write a rap stemming from personal experience. To be able to know the advantages and disadvantages of using samples. To be able to explain why good raps are inspired by personal experiences. To be able to perform their rap to the class. 	 To be able to create basic shapes using Blockly on Hopscotch. To be able to understand that programs can have issues called bugs. To be able to know that debugging is removing the bugs and therefore fixing algorithms. To be able to debug three out of five of the provided programs. To be able to understand conditionals and that they are needed to create different types of controls to create games. To be able to debug the Sphero code and run the program successfully. To be able to know that a variable allows a number to change while a program is running. To be able to debug all five of the provided programs. 	 To be able to know what a cell is on a spreadsheet. To be able to use formulae to solve simple maths equations. To be able to create a chart and a graph. To be able to use the filter tool in a spreadsheet. To be able to group and organise data. To be able to know the alternative symbols for multiplication and division and use them in simple formulae. To be able to add a total column. To be able to use the auto-sum tool with the fill tool to quickly complete maths equations. To be able to create multiplication tables.
Hip-hop, genre, Hook, mixing, fade, rap, old school, nu school	Algorithm, conditional, variable, David, branch, real- world programming	Workbook call back formula, spreadsheet, total, cells, column,
		inputting, 10445, data, inter







Year 6			
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 To be able to explain the difference between sampling and remixing. To be able to understand that beatboxing isn't confined to mimicking drum sounds. To be able to what a vocal stem is. To be able to name three different ways to remix a song. To be able to remix a song using sounds from a specific genre. To be able to remix two songs by playing them at the same time, with the same tempo. To be able to create a beatbox consis6ng of five or more layers all in time with each other. To be able to remix the drop of one song to play as the build of another song ends. To be able to use three different remixing methods in their final projects. 	 To be able to know the difference between Blockly and Swift. To be able to code simple geometric shapes on Hopscotch. To be able to understand how the conditional 'When is Tapped' works. To be able to include the feature 'Last Touch' into their code. To be able to understand how variables and the function 'Check Once If' are linked. To be able to write code using at least two functions to control an external object. To be able to code a melody using various rhythms and notes. To be able to code a 'Rock, Paper, Scissors' program with two characters. To be able to code an external robot using JavaScript to successfully complete 	 To be able to define the word extrapolation. To be able to know what a data bank is and why they are useful. To be able to know what CV stands for and why it is used. To be able to understand why the information in a CV has to be true. To be able to explain what a job advert is and what is included in it. To be able to create their own CV whilst following a template. To be able to back up decisions based on data within the data bank. To be able to edit their CV to suit their specific style. To be able to list the consequences someone might face if the contents of their CV are false. 	
Genre, filters, mixing, fade, instrumentation, remix, beatboxing, tempo	a physical course. Blocky, swift, function, algorithm, conditional, last touch, create a clone,	CV, extrapolate, build, order, hyperlink, data, employer, presentation, candidate,	
	variable, check once ii,, javascript	employee, data, ballk	

