

# Computing Overview KS2 Year 5 (Level 3)



Year 5	Autumn		Spring		Summer	
	<p><u>iJam – iHip-Hop</u></p> <p>This course focuses on the origin and progression of Hip-Hop as a musical movement. Children will study the basic elements of the genre and develop their sampling and audio editing skills to create their own original Hip-Hop track. As well as using 'GarageBand', other apps will be introduced so participants can add their own drum rhythms, loops and sampled sounds to their compositions. Children will progress to writing lyrics to accompany their tracks.</p>	<p><u>iProgram – iDebug</u></p> <p>This course will require Children to use their knowledge of 'Blockly' to search through a broken program and repair the mistakes to make it function correctly. They will use their computational thinking to decompose the problem and create a coding solution. Children will then be able to apply this process to create programs of their own design.</p>	<p><u>iOffice – iCompany</u></p> <p>iCompany is an Excel based course. Children will begin with a recap of basic Excel knowledge gained in Level 1 before moving on to more advanced functions within the app. Their task is to act as movie producers and decide on a style of animated movie to put into production. Working in pairs, Children will start by inputting and analysing data allowing them to make important production decisions. The class will develop their Excel skills and learn how to successfully use a variety of advanced functions within a spreadsheet.</p>	<p><u>iCreate – Advanced i2D</u></p> <p>This module looks into early 2D animation and its development over time. Children will start with basic flip books before developing different skills to produce a 2D piece of vector art. Students will focus on character design, plot development and how characters will interact.</p>	<p><u>iCommunicate – iAdvertise</u></p> <p>Children will be introduced to advertising across three different mediums: Print, TV and Radio. Children will learn how to create radio adverts and jingles to suit different products and themes, create a TV advert for a new product and finally a digital print advert for their product. The outcome will be for Children to have a series of works surrounding the advertisement industry. Children will look at collaborations of different departments in the same company to make a rounded campaign.</p>	<p><u>iTech – iCSI</u></p> <p>Children will be tasked with investigating and solving a crime. Before going to trial they will learn about evidence collecting and analysing, code breaking, observation and communication skills as well as presenting evidence. All of these skills will be put to the test with a real-life scenario.</p>
ESafety	Identify spam emails and what to do with them, write citations for the websites I use for research, create strong passwords, recognise when, why and how photographs we see online may have been edited and apply online safety rules to real-life scenarios.					