



**iMedia
Curriculum Links and
Overview
KS1: Lite Level 1**

iMedia – KS1 Lite Level 1 Overview

- Autumn 1
Lite Level
1** **iJam Lite Level 1 – iLoop** **Age: KS1**
This is an introduction to basic song writing skills using GarageBand. Pupils will work initially as a class creating a class song before moving into pairs or small groups to create a short composition using a variety of instruments and sounds available within the app.
- Autumn 2
Lite Level
1** **iProgram Lite Level 1 – iCode** **Age: KS1**
Pupils will use a variety of apps to learn key coding skills. The sessions will start by tasking students to find solutions to everyday tasks before applying this logical thinking to solve a series of problems within the app Kodable. This will culminate in learning how to use the coding language Blockly, using the app 'Daisy the Dinosaur'.
- Spring 1
Lite Level
1** **iAnimate Lite Level 1 – iMove** **Age: KS1**
During iMove, pupils will learn about 'Stop Motion' animation. They will gain a number of animating skills to create their own stop motion animation on an iPad. Pupils will have to create a plot and overcome the challenges involved in animating multiple objects and characters within one frame.
- Spring 2
Lite Level
1** **iCreate Lite Level 1 – iPhotograph** **Age: KS1**
The iCreate course aims to introduce participants to digital photography in the modern era. They will learn about the basic principles of photography such as focal point, foreground and background, and the importance of light. Pupils will also learn about photo editing using apps such as Adobe Photoshop Express.
- Summer 1
Lite Level
1** **iCommunicate Lite Level 1 – iSecure** **Age: KS1**
Pupils will learn the fundamentals of internet and digital device safety. They will be introduced to different real-life scenarios and develop different strategies to stay clear of, or to deal with potential situations that could arise when online. Pupils will be reminded each lesson about the correct procedures to follow and who they can talk to should they have any concerns regarding e-safety.
- Summer 2
Lite Level
1** **iTech Lite Level 1 – iInvent** **Age: KS1**
iInvent focuses on how technology has progressed through the 19th and 21st centuries. This course aims to give pupils a better understanding of the technology they use every day both at home and in school. This course will cover how to use technology safely and responsibly, as well as how to explain their uses to others.

Curriculum Links

Curriculum Points	Levels	How this is achieved
Understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions.	iProgram Lite 1: iCode iTech Lite 1: iInvent	During iProgram Lite Level 1 children learn the meaning of the word algorithm and how they are used within real-world applications. Children learn how to give precise instructions and learn how digital devices use those instructions. Pupils will be able to say how different everyday objects use algorithms to run without constant human interaction.
Create and debug simple programs.	iProgram Lite 1: iCode iTech Lite 1: iInvent	During the final weeks of iProgram Lite Level 1 the children will, in pairs, design and create a number of simple programs within Hopscotch. They will have to self-evaluate these programs by debugging any code errors. Pupils will debug problems within the app Inventioners and create new solutions complete the levels.
Use logical reasoning to predict the behaviour of simple programs.	iProgram Lite 1: iCode iTech Lite 1: iInvent	Throughout the year, children will use logical reasoning and prior knowledge from other Junior Jam subjects to predict the output/behaviour of a program by its input. During iProgram Lite Level 1, in pairs, the children must code simple programs to fulfil certain functions. To be able to do this they must predict the behaviour so they know what they must achieve. Pupils will have to use logic to predict the behaviour of algorithms and logic problems within the app Inventioners.
Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	iJam Lite 1: iLoop	iMedia for every year group is all about producing and manipulating creative digital content. Every week pupils will be asked to save their work, storing it on the iPad and find it the next week in the relevant app or folder. Below is how each level does it in its own way. During iLoop the children compose their own musical piece using GarageBand. To create this piece of musical media they

	<p>iProgram Lite 1: iCode</p> <p>iAnimate Lite 1: iMove</p> <p>iCreate Lite 1: iPhotograph</p> <p>iCommunicate Lite 1: iSecure</p> <p>iTech Lite 1: iInvent</p>	<p>must correctly manipulate the app to compose their desired piece. They will store their content each week and find it again on the relevant app.</p> <p>Within iProgram Lite level 1 the class will be asked to create lots of digital media by coding their own programs. They will store their content each week and find it again on the relevant app.</p> <p>During iMove pupils create digital content every lesson through the use of animation. They will have to manipulate their final piece through the use of post-production techniques. Pupils will be asked to store their content each week and find it again on the relevant app or retrieve it from its originating app to be manipulated in another.</p> <p>Pupils will be asked to create their own digital content through manipulation of photographs taken by them. The photograph will need to be retrieved from the iPad gallery and opened in the app ready for editing.</p> <p>Pupils will be creating content throughout iSecure as part of their weekly task. During some of these lessons the pupils will have to edit their content or manipulate previously created content from the previous week. To do this, pupils will have to save their work and retrieve it, within the app it was created on, or another.</p> <p>Pupils will be creating content throughout iInvent as part of their weekly task. During some of these lessons the pupils will have to edit their content or manipulate previously created content from the previous week. To do this, pupils will have to save their work and retrieve it, within the app it was created on, or another.</p>
<p>Recognise common uses of information technology beyond school.</p>		<p>Every lesson within Junior Jam shows the children what they can achieve outside of school. Often children ask our instructors if they can get this app at home. Our ICT courses not only show children skills within ICT, but they also open their minds to different hobbies, and careers they could have in the future.</p>

	<p>iJam Lite 1: iLoop</p>	<p>During our iJam course classes are taught how to create music in a way they may not be used to. They are tasked with creating their own music using music creativity they may not have experienced before.</p>
	<p>iProgram Lite 1: iCode</p>	<p>During their iProgram lessons children will not only learn how to write their own programs, sparking their imagination, but they will also learn about how algorithms and computational thinking can be applied to all problems/ challenges in life. They will learn ‘What is a computer?’ and find out how many things they use on a day-to-day basis rely on a computer to function.</p>
	<p>iAnimate Lite 1: iMove</p>	<p>During iAnimate Lite Level 1 the class will learn lots of different ‘Animation Techniques’ meaning they can create animations away from school and understand how ICT has been used when they are watching their favourite animations.</p>
	<p>iCreate Lite 1: iPhotograph</p>	<p>Within iCreate the class learn about photography and digital manipulation. This is such a useful application to have if they wish to create something outside of school. They will be able to create their own media and start them on their way to a potential new interest. They will also start to understand how ICT has been used when looking at digital design outside of school.</p>
	<p>iCommunicate Lite 1: iSecure</p>	<p>iSecure is all about learning to deal with technologies outside of school and who they can talk to should anything happen. They will be introduced to different real-life scenarios and develop different strategies to stay clear of, or deal with situations put to them.</p>
	<p>iTech Lite 1: iInvent</p>	<p>Throughout iInvent pupils will be taught all about technology from the 19th and 20th centuries. They will look at technology they use both at home and at school and learn how to use it both safely and respectfully.</p>

Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

iJam Lite 1:
iLoop

iProgram Lite 1:
iCode

iAnimate Lite 1:
iMove

At Junior Jam using technology safely, respectfully and responsibly is at the heart of every iMedia lesson. Before iPads are given out in any lesson the rules are gone over, and we also outline acceptable and unacceptable behaviour. These rules are tailored to the specific course. When children will be using the iPads away from their table the rules are given more stringently. We will discuss how they should walk around while using the iPads. This is done at the start of the course and reiterated from week to week, as the instructor sees fit.

Below details the normal procedure we would use in an activity where the participants are required to sit at desks. It also details extra considerations we use, in addition to the basic rules, for the subjects that include working away from a desk, taking photos or recording voices.

In iJam Lite Level 1, as the participants will be working at their desks for this module, the Junior Jam instructor will go over the basic rules. These will outline acceptable and unacceptable use of the iPads once they are in the possession of the children for the lesson. The instructor will also discuss with the class what behaviour during the lesson would lead to a more productive and safe lesson for all participants.

In iProgram Lite Level 1, as the participants will be working at their desks for this module, the Junior Jam instructor will go over the basic rules. These will outline acceptable and unacceptable use of the iPads once they are in the possession of the children for the lesson. The instructor will also discuss with the class what behaviour during the lesson would lead to a more productive and safe lesson for all participants.

In Animate Lite Level 1, as the participants will be working at their desks for this module, the Junior Jam instructor will go over the basic rules. These will outline acceptable and unacceptable use of the iPads once they are in the possession of the children for the lesson. The instructor will also discuss with the class what behaviour during the lesson

	<p>iCreate Lite 1: iPhotograph</p>	<p>would lead to a more productive and safe lesson for all participants.</p> <p>In iCreate Lite level 1, the classes are taught the art of taking and editing photos. The instructor will make the children aware of the dangers that including a school logo could bring. The instructor will also make sure the children practise good health and safety when walking around the classroom taking photos. Depending on the weather some instructors may wish to go outside with the class to take photos. If this should happen a detailed talk will happen about being outside. A perimeter will be set that the children must stay within. Should any dangerous behaviour happen then the instructor will decide if the whole class should return inside to continue their work there.</p>
	<p>iCommunicate Lite 1: iSecure</p>	<p>In iCommunicate Lite Level 1, as the participants will be mostly working at their desks for this module, the Junior Jam instructor will go over the basic rules. These will outline acceptable and unacceptable use of the iPads once they are in the possession of the children for the lesson. The instructor will also discuss with the class what behaviour during the lesson would lead to a more productive and safe lesson for all participants.</p> <p>During some lessons the children are asked to make short informative videos and to take photos. The class will re-examine the things spoken about in iCreate Lite level 1's course iPhotograph when photography/videography is used. This module also heavily covers internet safety, the importance of passwords and who to talk to if something you see or hear upsets or concerns you in any way. The class will learn through videos, tasks and group discussions.</p>
	<p>iTech Lite 1: iInvent</p>	<p>In iTech Lite Level 1, as the participants will be mostly working at their desks for this module, the Junior Jam instructor will go over the basic rules. These will outline acceptable and unacceptable use of the iPads once they are in the possession of the children for the lesson. The instructor will also discuss with the class what behaviour during the lesson</p>



		<p>would lead to a more productive and safe lesson for all participants.</p> <p>During some lessons the children are asked to make short informative videos and to take photos. The class will re-examine the things spoken about in iCreate and iCommunicate Lite level 1 when photography/videography is used. This module also heavily covers internet safety, the importance of passwords and who to talk to if something you see or hear upsets or concerns you in any way. The class will learn through videos, tasks and group discussions.</p>
--	--	--

		Understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions.	Create and debug simple programs.	Use logical reasoning to predict the behaviour of simple programs.	Use technology purposefully to create, organise, store, manipulate and retrieve digital content.	Recognise common uses of information technology beyond school.	Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.
iJam	Lite				X	X	X
	Level 1						
iProgram	Lite				X	X	X
	Level 1	X	X	X	X	X	X
iProgram	Lite				X	X	X
	Level 2	X	X	X	X	X	X
iAnimate	Lite				X	X	X
	Level 1				X	X	X
iAnimate	Lite				X	X	X
	Level 2	X	X	X	X	X	X
iCreate	Lite				X	X	X
	Level 1				X	X	X
iCreate	Lite				X	X	X
	Level 2				X	X	X
iCommunicate	Lite				X	X	X
	Level 1				X	X	X
iCommunicate	Lite				X	X	X
	Level 2				X	X	X
iTech	Lite				X	X	X
	Level 1	X	X	X	X	X	X
iTech	Lite				X	X	X
	Level 2	X	X	X	X	X	X