



**iMedia
Curriculum Links and
Overview
KS1: Lite Level 2**

iMedia – KS2 Lite Level 2 Overview

- Autumn 1
Lite Level
2** **iJam Lite Level 2– iGenre** **Age: KS1**
Pupils will explore a selection of different styles of popular music from the past 60 years and be tasked with creating their own versions using the app GarageBand. Pupils will develop their aural skills learning to recognise different instruments and sounds associated with different genres.
- Autumn 2
Lite Level
2** **iProgram Lite Level 2 - iFunction** **Age: KS1**
Building on the pupils’ knowledge of Blockly from Lite Level 1, pupils will need to apply additional logical thinking to create algorithms within their new more advanced app Hopscotch. More advanced computing elements will be covered, and programs designed by the pupils will be able to showcase each group’s understanding.
- Spring 1
Lite Level
2** **iAnimate Lite Level 2 – i2D** **Age: KS1**
This course focuses on 2D and hand drawn animation. Pupils will learn how to bring two dimensional drawings to life through use of the app ‘Do Ink Animation’. They will animate a given story line on ‘Scratch Jr’, mixing coding into their creativity, as well as creating their own animated Lego figure and finally create a flip book.
- Spring 2
Lite Level
2** **iCreate Lite Level 2 – iMagazine** **Age: KS1**
Pupils will create a school magazine using stock photos and original text. Pupils will be required to utilise the skills covered in Lite Levels 1’s iPhotograph in order to create a marketable magazine. Pupils will also learn how to format text, textboxes, photos and other content within the app Strip Designer, alongside learning the key components of a magazine.
- Summer 1
Lite Level
2** **iCommunicate Lite Level 1 – iConnect** **Age: KS1**
During iConnect pupils will look at all the ways we can contact someone in this digital era. The class will explore and discuss the reasons why people may wish to connect with others both around them and far away. Pupils will create multimedia communications to send to a recipient. Pupils will recap important aspects of iTech Lite Level 1 regarding the technology we use to communicate with people in the 21st century.
- Summer 2
Lite Level
2** **iTech Lite Level 2 - iFilm** **Age: KS1**
Pupils will focus specifically on the technology that surrounds the film industry and is used to create both animated and live action films. Pupils will use the app Toontastic to digitally plan and create an animated film before filming a live action trailer using the app iMovie.

Curriculum Links

Key learning targets	Compliance	Actions
Understand what algorithms are, how they are implemented as programs on digital devices, and that programs execute by following precise and unambiguous instructions.	<p>iProgram Lite 2: iFunction</p> <p>iAnimate Lite 2: i2D</p> <p>iTech Lite 2: iFilm</p>	<p>During iProgram Lite Level 2 children learn to build on their knowledge from Lite Level 1 and explore more uses for algorithms within real-world applications. The class will practice giving precise instructions and learn how digital devices use those instructions.</p> <p>Pupils will be completing part of their animation on 'Scratch Jnr'. They will have to understand the use of algorithms to be able to achieve the desired storyline. Pupils will see that to achieve the correct actions from their character their direction/coding must be precise.</p> <p>Pupils will be shown how algorithms are used within the film industry especially within special FX. Pupils will see that to achieve the effect the director is looking for, the instructions from one person to another, especially when using coding, must be precise so the end product is how everyone intended it to look.</p>
Create and debug simple programs.	<p>iProgram Lite 2: iFunction</p> <p>iAnimate Lite 2: i2D</p> <p>iTech Lite 2: iFilm</p>	<p>As this is the second time KS1 will have been taught programming this will move them on to harder coding. They will be tasked with debugging very simple code and evaluating their own work to see where they made any errors.</p> <p>Without knowing, the pupils will be building their own programs. By creating a series of algorithms to code 'Scratch Jnr' within their animation they are creating a simple program. They will have to edit and debug their code should it not have the desired effect for the plot.</p> <p>Pupils will combine the storyboarding process with code writing as they write a simple program to visualise this.</p>

<p>Use logical reasoning to predict the behaviour of simple programs.</p>	<p>iProgram Lite 2: iFunction</p> <p>iAnimate Lite 2: i2D</p> <p>iTech Lite 2: iFilm</p>	<p>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.</p> <p>During iProgram Lite Level 2, 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.</p> <p>The pupils must be able to use logic to predict what their code is going to do, so they know if that strain of algorithm is going to work correctly.</p> <p>The pupils must be able to use logic to predict what their code is going to do, so they know if that strain of algorithm is going to work correctly.</p>
<p>Use technology purposefully to create, organise, store, manipulate and retrieve digital content.</p>	<p>iJam Lite 2: iGenre</p> <p>iProgram Lite 2: iFunction</p> <p>iAnimate Lite 2: i2D</p> <p>iCreate Lite 2: iMagazine</p>	<p>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.</p> <p>During iGenre the children compose their own musical piece using GarageBand. To create this piece of musical media they must correctly manipulate the app to compose their desired piece.</p> <p>Within iProgram Lite Level 2 the class will be asked to create lots of digital media by coding their own programs.</p> <p>During i2D 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 and layout designed by them. The photographs, either taken by them or provided for them as a stock image by Junior Jam, will</p>

	<p>iCommunicate Lite 2: iConnect</p> <p>iTech Lite 2: iFilm</p>	<p>need to be retrieved from the iPad gallery and opened in the app ready for editing.</p> <p>Pupils will be creating content throughout iConnect 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 iFilm 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>iJam Lite 2: iGenre</p> <p>iProgram Lite 2: iFunction</p> <p>iAnimate Lite 2: i2D</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>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>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>Throughout iAnimate Lite Level 2 the class will learn lots of different ‘Animation Techniques’ meaning they can create animations away from school and understand how ICT has been used</p>

	<p>iCreate Lite 2: iMagazine</p> <p>iCommunicate Lite 2: iConnect</p> <p>iTech Lite 2 : iFilm</p>	<p>when they are watching their favourite animations.</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 Level 2 shows pupils how they can communicate with people in the same building as them or with people on the other side of the world. They are introduced to all the different technologies we now have in the 21st century to communicate and connect through and how they can use these outside of school.</p> <p>During iFilm Lite Level 2 pupils will learn about the technology you need to create both live action films and animated cartoons. This will lead to an understanding of how things are created when they are watching things at home.</p>
<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.</p>	<p>iJam Lite 2: iGenre</p>	<p>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. They 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.</p> <p>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 or recording voices.</p> <p>In iJam Lite Level 2, as the participants will be working at their desks for this</p>

	<p>iProgram Lite 2: iFunction</p>	<p>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>iAnimate Lite 2: i2D</p>	<p>In iProgram Lite Level 2, 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.</p>
	<p>iCreate Lite 2: iMagazine</p>	<p>In iAnimate Lite Level 2, 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.</p>
	<p>iCommunicate Lite 2: iConnect</p>	<p>In iCreate Lite Level 2 the class 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>In iCommunicate Lite Level 2, as the participants will be mostly working at their desks for this module, the Junior Jam instructor will go over the basic</p>

	<p>iTech Lite 2 : iFilm</p>	<p>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>In iTech Lite Level 2, as the participants will be working at their desks and filming within the classroom 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 and iCommunicate Lite level 2 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>
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		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 Level 1				X	X	X
	Lite Level 2				X	X	X
iProgram	Lite Level 1	X	X	X	X	X	X
	Lite Level 2	X	X	X	X	X	X
iAnimate	Lite Level 1				X	X	X
	Lite Level 2	X	X	X	X	X	X
iCreate	Lite Level 1				X	X	X
	Lite Level 2				X	X	X
iCommunicate	Lite Level 1				X	X	X
	Lite Level 2				X	X	X
iTech	Lite Level 1	X	X	X	X	X	X
	Lite Level 2	X	X	X	X	X	X