

## Music Technology A Level Scheme of Work. Introduction to MT

<i>Time-line Yr-Trm-Wk</i>	<i>Subject topics</i>	<i>Resources / activities (including ICT)</i>	<i>Assessment &amp; skills</i>	<i>SEN / EHC / EAL / Gifted &amp; talented</i>
Y1-T1-0	Subject introduction	Demonstrate previous coursework using Logic mixes explain and demonstrate multi-track, processing and mixing. Core music tech skills	Questions and Verbal feedback	Handouts and Video clips for SEN Keywords Handout for EAL
Y1-T1-0	Facilities and resources introduction	Introduction to facilities. Introduction to assistant. Tour of studio and recording booth. Health and safety in the use of the computer rooms and studios. House rules explained. Activity: Tour of studios, Test Log on. Make sure students have access to all resources. Explain school servers and their functions.	Key concepts/terms. Access to all resources Wallbox. Tie Line. Interface Questions and Verbal feedback	As above
Y1-T1-0	Course overview	Course Folders – give out, define contents, label dividers. Description of coursework requirements and course structure. Handouts and power-point	Questions and Verbal feedback	As above
Y1-T1-0	Radio Play project recording	Set first project – ‘Ninety Second interview’. Read through brief. Discuss issues to consider – reverb, sound FX, stereo separation, dynamics etc. Radio interview to include voice, live audio, sound effects, changing acoustic Record in the classroom questions and answers to give overview of how Logic audio editing.	Knowledge of reverb, sound FX, stereo separation, dynamics etc. Questions and Verbal feedback	As above
Y1-T1-0	Recording Studio introduction	Record the first part of the script in the studio. Assistant at control desk. All pupils in control room with one pupil controlling and one speaking. Aim is for pupils to understand process. Place work in the Hand-In. Pupils to log on to access the files. Pupils to find and download files and gain awareness of process	Understand process of recording. Saving work Questions and Verbal feedback	As above
Y1-T1-0	Audio recording basics. Saving and Backup in Logic	Demonstration: recording into logic using a microphone. Setting levels. Issues of volume variation. Mic position. Background noise. Record some questions then some answers into Logic Pupils need folder, blank paper and pens. They will watch a demo of recording in studio. Assignment: meet in pairs and complete the script. Student to hand in scripts - 90 second interview.	Understand process of recording. Questions and Verbal feedback	As above
Y1-T1-1	Audio editing skills using pre recorded material	Show where the files are stored. Demonstrate Basic audio editing including for advanced users some use of flexview. Store the files in Hand-In. Students transfer files to their desktop then carryout some editing: achieving a good flow between questions and answers. Achieving a good level – volume control. Creating cross fades Logic skills: Move, Cut, Delete, Loop, Crossfade, fade in/out, stretch, pitch shift, Reverb, EQ Add SFX, Add Loops, Automation volume More advanced editing:	Practise and understand audio editing  Individual work at computer with individual monitoring	As above

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		<p>Editing audio. Remove silence. Use of editing tools: Cross fade, scissors, copy and paste, Snap position, Zooming in and out, Automation-volume (explain compression), Move around the words – copying, cut out words to change the meaning. flexview, pitchshift EQ, Reverb, looping, pitch shift. Use of loop resources within Logic.</p> <p>Resource: Film plus instruction sheet Assignment: review what learnt in the lesson on the computer Structure of logic project file. Difference between working locally and across the network. Saving and backing up work. Hand in point.</p> <p>Assignments: practice editing skills – copy, delete, move, paste, loop, crossfade, automation Do first tutorials in Logic Editing using the pre recorded audio.</p> <p>Book musician, establish what playing, book time in studio.</p>		
Y1-T1-1	Recording Skills and hardware	<p>Recording of students own scripts in the studio. Recording carried out by teacher with some student control.</p> <p>Resource: Give out HowTo books – students follow while we move through the lesson.</p> <p>Teacher quick demo: Setting up or live room – cables, mics, screens. Setting up of live room – talkback. Care of cables. Set record path. Plugging in a mic. Care of mic Describe aim of recording: even, good tone and a sense of space. Advice on recording speaking voice– mic position. to collect work from Hand-In, begin editing and save to dollar drive</p>	Individual work at computer with individual monitoring	As above
Y1-T1-1	Recording Skills and Hardware	<p>Live Room: setting up a microphone for a singer. Input assignment Control Room: Signal Path from Live to control. Pre-amps, Interface, computer, Compter to interface to loudspeakers to headphones.</p>	Individual work at computer with individual monitoring	As above
Y1-T1-1	Online resources introduction	<p>Adding FX and music to the project. Finding these within resources, copying to project folder and adding to work Demonstration of the range of resources available. Students test their access to resources. Explain range of resources. Home area. Assignment: collect music and SFX to use for mix</p>	Individual work at computer with individual monitoring	As above
Y1-T1-1	Media and Loops. Volume automation.	<p>Demonstration of how to audition Media within Logic. Input and apply automation. Demonstration popular radio use of Ducking with Automation</p>	Individual work at computer with individual monitoring	As above
Y1-T1-2	Compression	<p>apply compression to a single track. Using ducking to explain compression. Routing a track to a bus and side chaining into to compression on another track</p>	Individual work at computer with individual monitoring	As above

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Y1-T1-2	Multi-track recording. Review use of audio hardware and software.	In Class Room. Demonstration Explanation of function of audio interface. Powerpoint - Hardware description. Review of what done in the studio – showing signal path audio sockets faceplate. Compare logic settings in studio and class room for audio interface then the studio demonstrating the changes that are needed between both.	Individual work at computer with individual monitoring	As above
Y1-T1-2	Multi-track recording skills. Communications. Development of Control Room Skills	Introduction to the Recording Studio. Using the How To book. Point out the pages in the How to book which we are going to cover. Explain the Driving License – over the week to cover preparation for the driving license. Move to the Studio. Communication – foldback and listening mic Explanation of Presonus  Assignment: book two 20 minute sessions in studio and Tol. Log on, download Play recoding to desk top. Play. Reset interfaces. Get in an practice	Individual work at computer with individual monitoring	As above
Y1-T1-2	Stereo management	Demonstration of Stereo. Demonstrate use of automation to create a sense of travelling across the room	Individual work at computer with individual monitoring	As above
Y1-T1-2	Logic Tutorials	Do logic introductory tutorials 1-3. Go through shortcut sheet. Select favourite 3 shortcuts and demonstrate to class		
Y1-T1-2	Auxes/Sends/Buses	Duet project. Working in groups of two in control and one playing in live room. Send click to musician. Record part one. Send part one. Record part two. Student to set up auxes, buses and sends		
Y1-T1-2	Bouncing Down and Hand-In instruction (ND 19-20)	Students follow instructions on Bouncing Down (ND 19-20)	Individual work at computer with individual monitoring	As above
Y1-T1-2	Compiling Tracks (ND 19-20)	Demonstrate the compiling logic demo. Students to make a perfect scale. How to pack a take folder (ND 19-20)	Individual work at computer with individual monitoring	As above
Y1-T1-2	Review of first Project Work	Assessment. Plenary: Listen to and evaluate students work at end of week. How to evaluate – Pace, balance, dynamics. EQ, Space. Quiz to review work done Differentiation. Websites for further reading. Access to music technology books on request.	Individual work at computer with individual monitoring	As above

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Y1-T1-2	Sequencing	Work on a short section of a song for sequencing (eg use Clocks tutorial) – and to use this as a basis for learning the basics of Logic sequencing. Choosing an instrument, inputting with pencil	Individual work at computer with individual monitoring	As above
Y1-T1-3	Logic instruction	Work on a few bars from a skeleton score: give out this – aligned in Logic. Give out the skeleton score of these bars. Explain drum notation and how drums are mapped to the keyboard. Use to show how to input Logic instruction: navigating and viewing. Step input. Copying and Pasting, looping, turning loops to copies Recording notes in quantisation. Students to Follow tutorial film, Logic Basics. Teacher go through the check list of all items covered. Assignment: to complete 8 bars of the skeleton score and input into Logic	Individual work at computer with individual monitoring	As above
Y1-T1-3	Cable Management	Demonstration of cable tidying. Each pupil takes a cable and practices winding up Demonstration: wrapping a cable correctly  Assignment: 1. watch youtube video: <a href="https://www.youtube.com/watch?v=KZ4ZKkJ_HxE">https://www.youtube.com/watch?v=KZ4ZKkJ_HxE</a> 2. practise wrapping cable carry out cable wrap during licence test	Individual work at computer with individual monitoring	As above
Y1-T1-3	Vocal Recording	Demonstration: explanation of week’s assignment – setting up for a vocal recording to backing track and click track. Explanation of driving licence – if do not pass will not be allowed to carry out coursework. Pupils group in twos and book studio time to set up a vocal mic. This can be done in the lesson or when myself and Matti are in. Assignment: 1. Book studio 2. Setup vocal mic with headphones 3. Check communication 4. Check buss sends and returns for play back of click and backing track Read section in How To on aux and busses	Individual work at computer with individual monitoring	As above
Y1-T1-4	Sequencing	Completion of work set last week. Bounce the work to hand in. Differentiation:	Individual work at computer with individual monitoring	As above
Y1-T1-4	Sequencing	Give out Shortcut Check list – students to try out and check off	Individual work at computer with individual monitoring	As above