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| **Subject: Level 1**/**2 Technical Award in Music Technology** |
| **Exam Board: NCFE**  |
| **Written Exam (40% of the course)**Mock exam – 1 hr 30 mins | **Non-Examination Assessment (60% of the course)**17 hour controlled assessment (no mock this time) |

**CA1 – Introduction to Music Technology and the Music Business**

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| **Topic** | **PPT Reference** | **Knowledge Organiser Reference** |
| Job roles and responsibilities | CA1 01, 02 | CA1 KO – Page 1 |
| Development of music technology |  |  |
| * + Consumer Formats
 | CA1 19 | CA1 KO – Page 12 |
| * + Recording Technology
		- Analogue vs digital signals
		- Analogue single track tape
		- Early multi-track recording
		- Large scale analogue multi-track
		- Digital Recording
		- DAW
 | CA1 03, 04CA1 05CA1 06CA1 07, 08CA1 09 | CA1 KO – Page 7CA1 KO – Page 6CA1 KO – Page 6CA1 KO – Page 6CA1 KO – Page 7CA1 KO – Page 7 |
| * + Electronic Instruments
		- Analogue Instruments
		- Synthesisers
		- Samplers
		- Sequencing and MIDI
		- Keyboard workstations
 | CA1 12CA1 10CA1 11CA1 13CA1 14 | CA1 KO – Page 9CA1 KO – Page 8CA1 KO – Page 9CA1 KO – Page 10 |
| * + Effects
		- Hardware reverb
		- Tape delay
		- Dynamics
		- Pedals and autotune
 | CA1 15CA1 16CA1 17CA1 18 | CA1 KO – Page 11CA1 KO – Page 11CA1 KO – Page 11CA1 KO – Page 11 |
| Marketing and Promotion  | CA1 20 21 22 | CA1 KO – Page 1, 2, 3 |
| Selling and Distributing Music  | CA1 23 24 | CA1 KO – Page 4 |

**CA2 – The Digital Audio Workstation**

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| **Topic** | **PPT Reference** | **Knowledge Organiser Reference** |
| Hardware components | CA2 02 | CA2 KO – Page 1 |
| * + Audio interfaces
	+ Mixing desks
 | CA2 03, 04 CA2 05, 06 | CA2 KO – Page 2CA2 KO – Page 3 |
| Software functions* + MIDI
	+ Configuring a DAW project
	+ MIDI editing
	+ DAW skills
	+ Automation

Effects plug-ins* + EQ
	+ Filters
	+ Distortion
	+ Compression
	+ Noise Gates
	+ Limiter
	+ Export audio files
	+ Loops
 | CA2 09CA2 10CA2 11CA2 12CA2 13CA2 14CA2 15CA2 16CA2 17CA2 18CA2 19CA2 20CA2 21CA2 22 | CA2 KO – Page 2CA2 KO – Page 4CA2 KO – Page 6CA2 KO – Page 6, 10CA2 KO – Page 6CA2 KO – Page 8CA2 KO – Page 7CA2 KO – Page 8CA2 KO – Page 9CA2 KO – Page 9CA2 KO – Page 9CA2 KO – Page 10 |
| Creating audio using a DAW |  | CA2 KO – Page 10 |
| Health and safety  | CA2 07, 08 | CA2 KO – Page 11 |

**CA3 – Musical Elements, Musical Style and Music Technology**

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| **Topic** | **PPT Reference** | **Knowledge Organiser Reference** |
| Musical elements* + Structural sections
	+ Form
	+ Melody
	+ Harmony
	+ Rhythm
	+ Instrumentation
 | CA3 01, 02CA3 03, 08CA3 05 06 07CA3 09, 10, 11CA3 04CA3 12 | CA3 KO – Page 1CA3 KO – Page 1CA3 KO – Page 3CA3 KO – Page 4CA3 KO – Page 2CA3 KO – Page 5 |
| Musical styles* + Rock ‘n’ Roll
	+ Rock
	+ Folk
	+ Soul
	+ Disco
	+ Reggae
	+ Funk
	+ Hip-Hop
	+ House
	+ Drum and Bass
 | CA3 13CA3 14CA3 15CA3 16CA3 17CA3 18CA3 19CA3 20CA3 21CA3 22 | CA3 KO – Page 6CA3 KO – Page 7CA3 KO – Page 8CA3 KO – Page 8CA3 KO – Page 9CA3 KO – Page 10CA3 KO – Page 10CA3 KO – Page 11CA3 KO – Page 12CA3 KO – Page 13 |

**CA4 – Sound Creation**

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| **Topic** | **PPT Reference** | **Knowledge Organiser Reference** |
| Forms of media  | CA4 01 | CA4 KO – Page 1 |
| Types of sound creation* + Foley
	+ Effects libraries
	+ Spot effects
	+ Underscore
	+ Voiceover
	+ Dialogue
 | CA4 02, 03, 04, 05CA4 06, 07CA4 09CA4 17CA4 18, 19, 20CA4 21 | CA4 KO – Page 1CA4 KO – Page 3CA4 KO – Page 1CA4 KO – Page 2CA4 KO – Page 2CA4 KO – Page 2 |
| Methods of sound creation* + Environmental sounds
	+ Synthesis
	+ Digital sample manipulation
 | CA4 10, 11, 12, 13CA4 14, 15, 16CA4 08 | CA4 KO – Page 4CA4 KO – Page 4 |
| Arranging sounds |  |  |
| Exporting sound creation |  | CA5 KO – Page 9 |

**CA5 – Multitrack Recording**

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| **Topic** | **PPT Reference** | **Knowledge Organiser Reference** |
| Equipment in the recording studio* + Microphones
 | CA5 02, 03 | CA5 KO – Page 2, 3 |
| Health and safety in the recording studio | CA5 01 | CA5 KO – Page 4 |
| Planning multitrack recording sessions  | CA5 04, 05 | CA5 KO – Page 1 |
| Multitrack recordings* + Drum recording
	+ Recording bass guitar
	+ Recording acoustic guitar
	+ Recording electric guitar
	+ Recording vocals
 | CA5 06, 07CA5 08CA5 09CA5 10CA5 11 | CA5 KO – Page 5CA5 KO – Page 5CA5 KO – Page 5CA5 KO – Page 5CA5 KO – Page 5 |
| Mixing * + Corrective editing
	+ Dynamic processing
	+ Distortion effects
	+ EQ
	+ Buses and Sends
	+ Modulation effects
	+ Delay, Reverb and Limiting
 | CA5 22, 23, 24CA5 12, 13CA5 14, 16CA5 15CA5 17CA5 18CA5 19CA5 20 | CA5 KO – Page 6CA5 KO – Page 7CA5 KO – Page 8CA5 KO – Page 7CA5 KO – Page 8CA5 KO – Page 8CA5 KO – Page 8 |
| Stereo Mixdowns  | CA5 21 | CA5 KO – Page 9 |

**Useful revision resources (all available on Google Classroom):**

Knowledge Organisers in Shared Drive / Teams Revision Folder (referenced above)

Lesson PPTs in Shared Drive / Teams Revision Folder (referenced above)

Quizlet revision cards to revise key terms (MrBryanGSHS)

Practice exam-style questions on Shared Drive