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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, 04  CA1 05  CA1 06  CA1 07, 08  CA1 09 | CA1 KO – Page 7  CA1 KO – Page 6  CA1 KO – Page 6  CA1 KO – Page 6  CA1 KO – Page 7  CA1 KO – Page 7 |
| * + Electronic Instruments     - Analogue Instruments     - Synthesisers     - Samplers     - Sequencing and MIDI     - Keyboard workstations | CA1 12  CA1 10  CA1 11  CA1 13  CA1 14 | CA1 KO – Page 9  CA1 KO – Page 8  CA1 KO – Page 9  CA1 KO – Page 10 |
| * + Effects     - Hardware reverb     - Tape delay     - Dynamics     - Pedals and autotune | CA1 15  CA1 16  CA1 17  CA1 18 | CA1 KO – Page 11  CA1 KO – Page 11  CA1 KO – Page 11  CA1 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 2  CA2 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 09  CA2 10  CA2 11  CA2 12  CA2 13  CA2 14  CA2 15  CA2 16  CA2 17  CA2 18  CA2 19  CA2 20  CA2 21  CA2 22 | CA2 KO – Page 2  CA2 KO – Page 4  CA2 KO – Page 6  CA2 KO – Page 6, 10  CA2 KO – Page 6  CA2 KO – Page 8  CA2 KO – Page 7  CA2 KO – Page 8  CA2 KO – Page 9  CA2 KO – Page 9  CA2 KO – Page 9  CA2 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, 02  CA3 03, 08  CA3 05 06 07  CA3 09, 10, 11  CA3 04  CA3 12 | CA3 KO – Page 1  CA3 KO – Page 1  CA3 KO – Page 3  CA3 KO – Page 4  CA3 KO – Page 2  CA3 KO – Page 5 |
| Musical styles   * + Rock ‘n’ Roll   + Rock   + Folk   + Soul   + Disco   + Reggae   + Funk   + Hip-Hop   + House   + Drum and Bass | CA3 13  CA3 14  CA3 15  CA3 16  CA3 17  CA3 18  CA3 19  CA3 20  CA3 21  CA3 22 | CA3 KO – Page 6  CA3 KO – Page 7  CA3 KO – Page 8  CA3 KO – Page 8  CA3 KO – Page 9  CA3 KO – Page 10  CA3 KO – Page 10  CA3 KO – Page 11  CA3 KO – Page 12  CA3 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, 05  CA4 06, 07  CA4 09  CA4 17  CA4 18, 19, 20  CA4 21 | CA4 KO – Page 1  CA4 KO – Page 3  CA4 KO – Page 1  CA4 KO – Page 2  CA4 KO – Page 2  CA4 KO – Page 2 |
| Methods of sound creation   * + Environmental sounds   + Synthesis   + Digital sample manipulation | CA4 10, 11, 12, 13  CA4 14, 15, 16  CA4 08 | CA4 KO – Page 4  CA4 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, 07  CA5 08  CA5 09  CA5 10  CA5 11 | CA5 KO – Page 5  CA5 KO – Page 5  CA5 KO – Page 5  CA5 KO – Page 5  CA5 KO – Page 5 |
| Mixing   * + Corrective editing   + Dynamic processing   + Distortion effects   + EQ   + Buses and Sends   + Modulation effects   + Delay, Reverb and Limiting | CA5 22, 23, 24  CA5 12, 13  CA5 14, 16  CA5 15  CA5 17  CA5 18  CA5 19  CA5 20 | CA5 KO – Page 6  CA5 KO – Page 7  CA5 KO – Page 8  CA5 KO – Page 7  CA5 KO – Page 8  CA5 KO – Page 8  CA5 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