

MUSIC TECHNOLOGY

A Level – Summer Task

PROFILE

Tell me in no less than 50 words or less why you want to study Music Technology.



DISCOVER

For each of the following items describe their basic function within the recording studio – Also identify any make and model for each item. **(13)**

Item	Function	Make & Model
MICROPHONE		
SPEAKER		
COMPUTER		
DAW		
SYNTHESISER		
SEQUENCER		
DRUM MACHINE		
COMPRESSOR		
NOISE GATE		
HEADPHONES		
AUDIO INTERFACE		
ACOUSTIC PANELS		
GUITAR AMPLIFIER		

ARTISTS

Identify 3 key artists from any genre and write a **short summary** about how they produced their unique sound. Use the internet for further information and support. **(3)**

Artist	Song	Information on artist

TERMINOLOGY

In your research you will come across terminology specific to the genre. Use the table below to **identify** and **define** 4 key terms for one of the artists above. **(4)**

Term	Definition

LISTEN

Complete the table by **Identifying** three pieces of music that you have listened to that make you wonder how it was made or produced. **(3)**

Artist	Song

PRODUCTION

Use the box below to outline the arrangement and sound design of one of the songs from above. (2)

Music Production	Arrangement Techniques: What is the structure the song: e.g. Intro, Verse, Bridge Chorus etc Sound Design Techniques: In your opinion how did they create or change sounds?
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	Music Production technique
ARRANGEMENT	
SOUND DESIGN	

TECHNIQUES

Use the space below to **identify and describe** each instruments main playing technique. (4)

	Identify Instrument	Describe how it was it used/played?
1		
2		
3		
4		

IMAGES

Insert a labelled diagram for each instrument highlighted in the TECHNIQUES section. This can be from the internet **(4)**

Instrument 1	
Instrument 2	
Instrument 3	
Instrument 4	

ANALYSIS

Describe each of the following based on the song you have highlighted above. (7)

Element	Description
Melody: The sequence of notes that form a recognizable musical phrase or tune,	
Texture: The interplay and arrangement of different musical elements	
Rhythm: The pattern of beats and accents in music,	
Harmony: The simultaneous sounding of different musical notes, chords, or voices	
Tempo: The speed or pace at which a piece of music is performed.	
Dynamics: The variations in volume and intensity within a piece of music	
Structure: The organization and arrangement of musical elements within a composition.	

INTERPRETATION

The following is from an exam past paper. In your own words justify why each of these steps should be taken when producing a record? **(5)**

Question 6: Produce a final stereo mix.

- Ensure that the mix output is at as high a level as possible.

- It should be free from distortion.

- Do not limit or compress the mix output.

- Ensure that the beginning and the end of the music are not cut off.

- Ensure that silences at the beginning and at the end do not exceed one second.

SCORE: /45

This is the end of your Summer Task – Please email the completed document to

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