

# MUSIC TECHNOLOGY A LEVEL

## Induction Task



Welcome to the Music Technology A Level. We do hope you will enjoy learning about all things Music Tech.

The course is made up of 4 components:

*Component 1: Recording*

*Component 2: Technology-based Composition*

*Component 3: Listening and Appraising*

*Component 4: Producing and Analysing*

We have set a task for you to complete **by the beginning** of your first lesson. Please fill in this work sheet answering all questions as directed.

If you are unsure, you must research the questions and pay particular attention to the use of key music and music technology terminology.

If you have any questions or problems, please email me [psc@godalming.ac.uk](mailto:psc@godalming.ac.uk).

Enjoy! We look forward to teaching you.

Paul, Ceilidh and Dean.

Student name: \_\_\_\_\_



## Part 1 - Define the following key terms:

**Amplitude:**

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**Frequency:**

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**Decibel:**

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**Hertz:**

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**Wavelength:**

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**Mono/Stereo:**

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**Distortion:**

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**Reverberation:**

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**Synthesiser:**

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## Part 2 – Understanding Sound

1. Below is a diagram of a sound wave. Label with the following words:

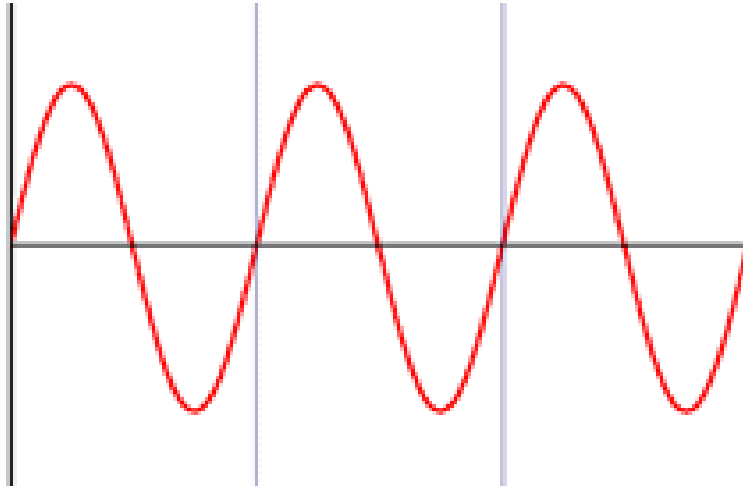
Time

Wavelength

Amplitude

Peak

Trough



2. What is the speed of sound?

- 340 m/s
- 5000 m/s
- 20 m/s
- 1m/s

3. What is the frequency range of the human ear?

- 0Hz-10kHz
- 100Hz-100kHz
- 20Hz-20kHz
- 16bit 44.1kHz

4. What is the function of a microphone?

- It converts electrical signals into digital information
- It balances the acoustic energy(sound) for recording purposes
- It converts acoustic energy(sound) into electrical signals
- It balances the electrical signals for recording purposes

5. Which of the following is NOT a type of microphone?

- Condenser
- Dynamic
- Ribbon
- Compressor

## Part 3-Listening and Analysing

Listen to Anarchy In The UK by the Sex Pistols on Youtube or Spotify and answer the following questions

a) Describe the structure of this track.

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b) How is some variety introduced into the several appearances of the chorus?

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c) Which of the following is the correct chord sequence as used in the verses of this song?

CGFC   CAFC   CFGC   CFEC (1)

d) Describe the musical and technological features which are characteristic of the punk style.

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e) How do the lyrics of this song reflect some of the social and economic problems of the time?

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f) Assess the importance of the Sex Pistols in the development of punk.

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g) In what ways did punk go on to influence other styles of music?

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