Year 11 into 12 Music Tech work

There are many tasks for you to complete.

Some will require you to log in to a website called musictechstudent.co.uk. The login details are as follows:

Username: musictech2016

Password: musictechCDS

\*\*\*Please note that you should not alter any of the settings or account details on this website – as this is a shared login between all of us\*\*\*

Complete the following:

1.  Create a Musical Vocabulary List/Glossary, compiling definitions of the following terms: Reverb; Delay; Distortion; Double Tracking; Sequencing; Inputting; Quantising; Timbre; Loop; Sample; Audio Interface; Synthesizer; Microphone (Different types of Microphone); Click Track/Metronome. (A good search would be – Music Tech Glossary).

2.  Research different types of microphones in more detail - such as different types of microphone (condenser / dynamic etc); their polar patterns (cardioid, figure of 8 etc.).  Put together a presentation of your findings with pictures.  Use the resources on musictechstudent.co.uk - link given below.

http://musictechstudent.co.uk/microphones/

3.  Read the information on EQ - <http://musictechstudent.co.uk/mixing/introduction-eq/>

Answer the questions listed below under the title “Q3 – EQ”.

4. Research the following list of artists. You will need to choose two songs for each artist, and listen to them in some detail, filling in the grid below – see “Q4 – Multitrack recording stimulus”.

This is the actual list of artists you will be choosing from to record a song in the studio next year.

A-ha

Craig David

Foo Fighters

Aretha Franklin

Janis Joplin

Jennifer Lopez

Otis Redding

The Rolling Stones

Ed Sheeran

Shania Twain

This research is very important to making decisions on which song you may go on to record in the studio. Please note that the decision of what songs you will record in the studio will be made in conjunction with Mr Andrews, and following his advice.

Q3 – EQ

Answer the following questions after you have read the information on the musictechstudent website:

(No copy and pasting!! In your own words!)

1. What does EQ do?
2. What is the range of frequencies our ears are capable of hearing?
3. Give 5 examples of instruments/voice types that contain a higher proportion of high frequencies, and another 5 examples of instruments/voice types that contain mostly low frequencies.
4. Why would you use EQ?
5. What are High Pass and Low Pass filters?

Q4 – Multitrack Recording Stimulus

Use this template for each of the artists on the list below. You need to listen to and write about 2 songs per artists on the list.

|  |  |
| --- | --- |
| **Artist:** | **Song 1:** |
| **Instrumentation:**  **(Which instruments are playing in the track?)** |  |
| **Any special effects / unusual sounds? (e.g. beeps, electronic sounds, distortion etc.) Describe them here.** |  |
| **Artist:** | **Song 2:** |
| **Instrumentation:**  **(Which instruments are playing in the track?)** |  |
| **Any special effects / unusual sounds? (e.g. beeps, electronic sounds, distortion etc.) Describe them here.** |  |