

A Level Music Technology Summer Independent Learning Activity

Welcome to A Level Music Technology, please complete the following tasks ready for your first day at New College.

Part 1: What is sound?

Watch and make notes on the following video on 'How Sound Works – The Physics of Sound Waves'

https://www.youtube.com/watch?v=QBYz82nS_xk

Here are a couple of shorter videos to further your understanding of the video above:

<https://www.youtube.com/watch?v=27a26e2CnuM>

<https://www.youtube.com/watch?v=r6OGjAu3P3s>

Task: Design a poster that will be handed in at your first music technology lesson, explaining what sound is and how it works from the notes you have made from the video. You will be tested on the content in September so pause / rewind / repeat the video as many time as you need to ensure you know the content.

Part 2: Microphones

Now you have an understanding of how sound works watch and make notes on the following videos about microphones.

<https://www.youtube.com/watch?v=fqZYwhStcKI>

https://www.youtube.com/watch?v=2edewYkE_f0

https://www.youtube.com/watch?v=Y01N_L1VA4I

Task: Using your notes and the videos design one poster explain how a dynamic microphone works and one poster explaining how condenser microphones work.

Task: Create a 20 question quiz covering both topics you have covered that will be given to another student in your first music technology lesson.