

Music Technology Microphones Worksheet

Task 1 – Match the Terms

Condenser Microphone

Dynamic Microphone

Proximity Effect

Sibilance

Close Mic'ing

Distance Mic'ing

Microphone positioned between 2cm and about 30 cm from a sound source.	
Large frequency response and need Phantom Power.	
Low frequency boost that occurs when microphone is placed too close to sound source.	
Microphone positioned at least 2 meters away from the sound source.	
Durable and robust and can handle very loud sound sources.	
Exaggerated 'S' and 'Sh' sounds mostly noticeable on vocals and cymbals.	

Task 2 – What mics to use?

Choose whether each sound source needs a **DYNAMIC** or **CONDENSER** microphone.



Task 3 – Mic up the drum kit

Position the five microphones to mic up your drum kit.



Task 4 - Polar Patterns

Choose the correct polar pattern for each picture.

