

## Music Technology Microphones Worksheet

### Task 1 – Match the Terms

*Condenser Microphone*

*Dynamic Microphone*

*Proximity Effect*

*Sibilance*

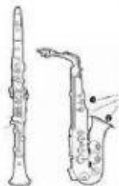
*Close Mic'ing*

*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.

