

## Curriculum Map Year 12 Music Technology - Component 3 Technology

Calendar	Big Question	Small Questions	Assessment Opportunities and Criteria. Teacher Feedback point (TFP)	Homework
<b>Autumn 1</b> The History of Recording Technology	<p><b>What is direct to tape mono recording/ machines? (c. 1950 ~ 1963)</b></p> <p><b>What is early Multitrack recording/ machines? (c.1964 - 1969)</b></p>	<p>What is analogue recording?                      What is a stereo tape machine?                      What is a mon production?                      What is a channel?                      What is Ambient sound capture?                      What is microphone placement?                      What is Balance?                      What are the pros and cons of Direct to tape mono recordings?</p> <p>What is a multitrack machine?                      What is a 4-track?                      What is a basic track?                      What is microphone placement?                      What is submixing?                      What is a stereo ambient recording?                      What is dropping in and out?                      What is bouncing down?                      What is overdubbing?                      What is post production?                      What is synchronisation of tape machines?                      What is background noise?                      What are the pros and cons of early multitrack recordings?</p>		

**What are large scale analogue multitrack machines? (c.1968 - 1995)**

What are 8 and 16-track machines?  
What is 2 inch tape?  
What is overdubbing?  
What is synchronisation and linking of machines and 48-track recording?  
What is a channel?  
What is dynamic processing?  
What are preamp, compressor and EQ channels?  
Who are Solid State Logic (SSL) and Neve?  
What are the pros and cons of large scale analogue multitrack recordings?

**What is Digital recording and sequencing? (c.1980 ~ Present)**

What is digital recording?  
What are audio signals, binary information and data streams?  
What is Digital tape?  
What are convertors?  
What ADC?  
What is Moore's Law?  
What is a sequencer/ synthesiser/ drum machine?  
What is Control Voltage/ gate?  
What is MIDI?  
What is the Atari ST?  
What is Logic?  
What is Cubase?  
What is a DAW?

What is DAW?  
What is Software/ Hardware?  
What are software emulators?  
What are artefacts?

	<p><b>What are Digital Audio Workstations (DAW) and emerging Technologies? Digital recording and sequencing? (c.1996 Present)</b></p>	<p>What is remote collaboration?          What is the cloud?          What are tablet devices?</p>		
<p>Autumn 2</p> <p>The historical development of other technologies.</p>	<p><b>What is an electric Guitar?</b></p> <p><b>What is a Bass Guitar?</b></p> <p><b>What is a theremin?</b></p> <p><b>What is a Mellotron?</b></p>	<p>What is the structure of a guitar?          What is a pick up?          What is an amplifier?          Who was Les Paul?          Who are Fender and what is the Telecaster and Stratocaster?          Who are Gibson and what is the 'Les Paul'?</p> <p>What is the structure of a bass?          Who are Fender?          What is a precision?</p> <p>Who is Leon Theremin?          What is a theremin?          How do you play a theremin?          Which tracks make use of the theremin?</p> <p>What is a sampler?          How does a Mellotron work?          Which tracks make use of the Mellotron?</p>		

	<p><b>What is a Electric Organ</b></p> <p><b>Electric Piano</b></p> <p><b>Clavinet?</b></p> <p><b>What are amplifiers?</b></p>	Electric Organ		
Spring 1 <b>Consumer Technology Formats</b>	<p>Vinyl</p> <p>Cassette</p> <p>CD</p> <p>Compressed Digital Formats</p>			
Spring 2 Effects	<p>Delay</p> <p>Reverb</p>			
Summer 1				

Summer 2				
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