

**Topic: Year 7 Instruments of the Orchestra Duration 6-7 Weeks**

Key vocabulary:	Core knowledge questions	Powerful knowledge crucial to commit to long term memory	Links to previous and future topics
Conductor Orchestra Brass Strings Woodwind Percussion Timbre Arco Pizzicato Staccato Cello Harmonics Valves Embouchure Cor Anglais Reed Mouthpiece Saxophone	<ul style="list-style-type: none"> <li>• What are the four instrumental sections of the orchestra?</li> <li>• Can you explain and demonstrate how the orchestra is laid out?</li> <li>• Can you name the various ways different types of instruments are played?</li> <li>• Can you name at least three different types of instruments from each of the four groups of orchestral instruments?</li> <li>• Can you identify aurally the different types of instruments including the subtler ones such as the difference between the violin and viola as well as the clarinet and oboe?</li> <li>• Can you name at least two large pieces of music composed specially to help young people to learn about the orchestra and explain a little about the composers of these works?</li> <li>• Can you describe how different instruments are constructed and explain how some of them are capable of producing special instrumental effects?</li> <li>• Do you understand the different types of timbres often found in music and can you explain them?</li> <li>• Can you perform simple, as well as more complex parts as part of a class orchestral performance?</li> </ul>	<p>Be able to recall all the different types of musical instruments used and found in a modern symphony orchestra.</p> <ul style="list-style-type: none"> <li>• Brass family – Trumpet, French Horn, Trombone &amp; Tuba.</li> <li>• String family – Violin, Viola, Cello &amp; Double bass.</li> <li>• Woodwind – Flute, Piccolo, Oboe, English Horn, Clarinet, Bass Clarinet, Bassoon, Contra-Bassoon &amp; Saxophones.</li> <li>• Percussion – Timpani, Snare Drum, Bass Drum, Cymbals, Tambourine, Triangle, Xylophone, Glockenspiel, Chimes, Marimba &amp; Vibraphone (To name the most common).</li> <li>• Voice types – Soprano, Mezzo-Soprano, Alto (contralto), Counter Tenor, Tenor, Baritone and Bass.</li> </ul> <p>Use the correct vocabulary to describe what is being listened to.</p> <p>Able to aurally identify the various different techniques used by the various instruments.</p> <p>Perform with confidence and accuracy an important part in a large whole class orchestral performance.</p> <p>Discuss the unique features of two pieces of orchestral music which highlight the various instruments used in a modern-day symphony orchestra. Namely Britten's <i>“Young Person’s Guide to the Orchestra”</i> and Saint Saens <i>“The Carnival of the Animals”</i>.</p>	<ul style="list-style-type: none"> <li>• This topic helps students develop their knowledge and understanding of how music is performed by various types of orchestral instruments.</li> <li>• Ideas about how composers manipulate different types of instruments and use their special instrumental effects to achieve a specific effect on the listen/audience.</li> <li>• This introduces learners to key concepts needed for GCSE music and beyond.</li> </ul>

**Topic: Year 7 Music Technology; Garageband & Loops Duration 6-7 Weeks**

Key vocabulary:	Core knowledge questions	Powerful knowledge crucial to commit to long term memory	Links to previous and future topics
Loop MIDI-Musical Instrument Digital Interface Digital Analogue Auxiliary Balance Gate DAW - Digital Audio Workstation Delay/Echo Clipping Envelope Frequency Modulation Gain EQ Latency Mono Polyphonic Overdub Sample Synthesiser XLR	<ul style="list-style-type: none"> <li>• Can you explain in detail how to start a new project in Garageband?</li> <li>• Are you able to show the difference between a midi and audio track?</li> <li>• Can you name at least three different ways of editing both MIDI as well as audio tracks?</li> <li>• Can you name at least three different types of instruments from each of the four groups of orchestral instruments?</li> <li>• What is the process of recording live audio into Garageband?</li> <li>• Can you name at least five different digital effects that might enhance and improve a composition?</li> <li>• Can you describe how to insert, expand and manipulate loops in Garageband?</li> <li>• Are you able to demonstrate or discuss how you might develop material both original and pre-set?</li> <li>• Can you demonstrate how to change velocity, pitch and add various different types of effects?</li> <li>• Are you familiar with a MIDI controller and can you use one effectively?</li> <li>• Can you mix material to a high standard altering EQ frequencies and panning?</li> <li>• Are you aware of how to connect external hard-ware and use it in Garageband? Equipment such as a microphone, midi keyboard or midi guitar?</li> </ul>	<ul style="list-style-type: none"> <li>• Be able to recall all the different types of functions and modes in Garageband.</li> <li>• Understand the difference between the various musical genres in Garageband and be able to recall the different stylistic characteristics of each of these? EDM, country &amp; Rock and Pop.</li> <li>• Using knowledge, understanding and skills developed in previous topics to describe the various types of structures used in EDM and other styles of music.</li> </ul>	<ul style="list-style-type: none"> <li>• This topic helps students develop their knowledge and understanding of how music can be composed and edited using music technology.</li> <li>• Ideas about how composers manipulate different types of loops and samples together to produce an effective and very successful piece of music.</li> <li>• This introduces learners to key concepts of composition techniques needed for GCSE music and beyond.</li> </ul>