



Marking Period 1 (MPI)	Music Technology Curriculum Pacing Guide – Level III
<p>MP 1</p> <p>Standards for Music Technology Elective</p>	<ul style="list-style-type: none"> • 1.5.HS.MU.Cr1a Generate and refine sophisticated musical ideas using advanced digital tools, sound design techniques, and intentional artistic planning. • 1.5.HS.MU.Cr2a Organize and develop musical ideas into complex digital productions using advanced MIDI sequencing, audio recording, synthesis, and arrangement techniques. • 1.5.HS.MU.Cr3a Refine and complete musical works through detailed editing, sound shaping, revision, and application of critical feedback. • 1.5.HS.MU.Pr4a Produce and present music using digital tools with advanced technical accuracy, expressive intent, and stylistic clarity. • 1.5.HS.MU.Re7a Analyze, evaluate, and critique music technology projects using advanced music production and audio engineering vocabulary. • 1.5.HS.MU.Cn10a Relate music technology practices to personal artistic voice, contemporary media production, and postsecondary or career pathways.
<p>MP 1</p> <p>Topics</p>	<p>Advanced DAW functions</p> <p>Advanced MIDI editing & sequencing</p> <p>Sampling manipulation & workstation tools</p> <p>Multitrack arranging</p> <p>Effects chains (EQ, compression, automation)</p> <p>Sound design fundamentals</p> <p>Genre production techniques</p> <p>Mixing and mastering basics</p> <p>Capstone project (MP I)</p> <p>Sharing & evaluating projects</p>
<p>MP 1</p> <p>Skills- Concepts</p>	<ul style="list-style-type: none"> • Advanced Digital Production & Recording Techniques (MU.Pr5.1.HSI): Students apply multitrack editing, automation, effects processing, and professional digital recording methods within a DAW environment. • Composition, Sound Design & Creative Construction (MU.Cr1.1.HSI, MU.Cr2.1.HSI): Students develop original works through loop editing, sample-based composition, sound design, and digital arranging.

	<ul style="list-style-type: none"> • Technology Fluency & DAW Mastery (MU.Pr5.1.HSI): Students integrate MIDI, plugins, and advanced DAW features to enhance musical structure, texture, and production quality. • Musicianship, Listening & Production Evaluation (MU.Re7.1.HSI, MU.Cn11.1.HSI): Students interpret genre styles, analyze production choices, and evaluate digital music within cultural and contemporary contexts.
<p>MP 1</p> <p>Core Materials</p>	<ul style="list-style-type: none"> • Computer or Chromebook • DAW platform (BandLab, Soundtrap, GarageBand, etc.) • Headphones • MIDI keyboard • Microphone or USB interface • Internet access • Sample libraries and sound packs



Marking Period 2 (MPII)	Music Technology Curriculum Pacing Guide – Level III
<p>MP 2</p> <p>Standards for Music Technology Elective</p>	<ul style="list-style-type: none"> • 1.5.HS.MU.Cr1a Generate and refine sophisticated musical ideas using advanced digital tools, sound design techniques, and intentional artistic planning. • 1.5.HS.MU.Cr2a Organize and develop musical ideas into complex digital productions using advanced MIDI sequencing, audio recording, synthesis, and arrangement techniques. • 1.5.HS.MU.Cr3a Refine and complete musical works through detailed editing, sound shaping, revision, and application of critical feedback. • 1.5.HS.MU.Pr4a Produce and present music using digital tools with advanced technical accuracy, expressive intent, and stylistic clarity. • 1.5.HS.MU.Re7a Analyze, evaluate, and critique music technology projects using advanced music production and audio engineering vocabulary. • 1.5.HS.MU.Cn10a Relate music technology practices to personal artistic voice, contemporary media production, and postsecondary or career pathways.
<p>MP 2</p> <p>Topics</p>	<p>Review advanced digital audio workstation workflow, professional file management, signal flow, and expectations for Level III work.</p> <p>Develop advanced musical concepts using complex MIDI sequencing, chord extensions, harmonic layering, and rhythmic variation.</p> <p>Explore sound design through synthesis, sampling, and creative manipulation of audio sources.</p> <p>Apply advanced arrangement techniques focusing on texture, contrast, density, and dynamic pacing.</p> <p>Record and edit audio with attention to signal clarity, expressive nuance, and stylistic intent.</p> <p>Apply advanced editing techniques including automation, detailed waveform editing, and time-based manipulation.</p> <p>Develop advanced mixing strategies including frequency balance, stereo imaging, and depth creation.</p> <p>Revise projects through structured peer and teacher critique focusing on clarity, originality, and artistic intent.</p> <p>Present advanced digital compositions or works-in-progress demonstrating technical proficiency and creative identity.</p> <p>Reflect on artistic growth, sound design skills, production workflow, and readiness for capstone-level music technology study.</p>

<p>MP 2</p> <p>Skills- Concepts</p>	<ul style="list-style-type: none"> • Advanced MIDI, Sound Design & Digital Composition: Students program complex MIDI sequences, design sounds through synthesis and sampling, and structure multi-layered digital compositions with clear musical form. • Professional Recording, Editing & Mixing Techniques: Students apply advanced audio recording, detailed editing, automation, depth control, and stereo imaging to produce polished tracks. • Critical Listening, Artistic Identity & Creative Refinement: Students evaluate sound choices, develop personal style, revise work through critique, and articulate creative intent. • Professional Workflow, Career Connections & Capstone Preparation: Students practice efficient production workflows, explore music technology in contemporary media careers, and prepare for capstone-level digital projects.
<p>MP 2</p> <p>Core Materials</p>	<ul style="list-style-type: none"> • Computers with advanced digital audio workstation software • Audio interfaces and microphones • MIDI controllers, synthesizers, and virtual instruments • Headphones and studio monitors • Sample libraries, synthesis tools, and sound design resources • Teacher demonstrations and guided workshops • Peer critique and reflective discussion tools

Marking Period 3 (MP3)	Music Technology Curriculum Pacing Guide – Level III
<p>MP 3</p> <p>Standards for Music Technology Elective</p>	<ul style="list-style-type: none"> • 1.5.HS.MU.Cr1a Generate and refine sophisticated musical ideas using advanced digital tools, sound design techniques, and intentional artistic planning. • 1.5.HS.MU.Cr2a Organize and develop musical ideas into complex digital productions using advanced MIDI sequencing, audio recording, synthesis, and arrangement techniques. • 1.5.HS.MU.Cr3a Refine and complete musical works through detailed editing, sound shaping, revision, and application of critical feedback. • 1.5.HS.MU.Pr4a Produce and present music using digital tools with advanced technical accuracy, expressive intent, and stylistic clarity. • 1.5.HS.MU.Re7a Analyze, evaluate, and critique music technology projects using advanced music production and audio engineering vocabulary. • 1.5.HS.MU.Cn10a Relate music technology practices to personal artistic voice, contemporary media production, and postsecondary or career pathways.
<p>MP 3</p> <p>Topics</p>	<p>Review advanced production workflows, project goals, critical listening strategies, and professional file management.</p> <p>Refine sound design using synthesis parameters, filters, modulation, envelopes, and creative sampling techniques.</p> <p>Develop expressive MIDI programming including articulation, velocity shaping, automation, and humanization.</p> <p>Refine arrangement through texture control, contrast, transitions, and dynamic pacing.</p> <p>Apply advanced audio editing techniques including detailed waveform editing, time-stretching awareness, and noise management.</p> <p>Develop advanced mixing strategies focusing on frequency balance, gain staging, stereo imaging, and depth creation.</p> <p>Apply dynamics processing including compression, limiting awareness, and dynamic control to enhance clarity and impact.</p> <p>Revise projects through structured peer and teacher critique focusing on sonic clarity, balance, originality, and artistic intent.</p> <p>Present refined works-in-progress or near-complete productions demonstrating advanced technical proficiency and creative identity.</p> <p>Reflect on artistic growth, sound design decisions, mixing development, and readiness for capstone music technology projects.</p>

<p>MP 3</p> <p>Skills- Concepts</p>	<p>Sound Design, Synthesis & MIDI Programming: Students develop advanced sound design skills using synthesis and sampling while applying expressive MIDI programming and automation in digital compositions.</p> <p>Audio Editing, Arrangement & Musical Structure: Students refine audio recordings through detailed editing while shaping musical arrangements with clear pacing, depth, and structural organization.</p> <p>Mixing, Dynamics & Spatial Design: Students apply advanced mixing techniques including EQ, dynamics processing, and stereo imaging to achieve clarity, balance, and professional sound quality.</p> <p>Critical Listening, Artistic Voice & Capstone Preparation: Students strengthen analytical listening and peer critique skills while refining creative voice and preparing projects for advanced capstone-level music technology work.</p>
<p>MP 3</p> <p>Core Materials</p>	<ul style="list-style-type: none"> • Computers with advanced digital audio workstation software • Audio interfaces and microphones • MIDI controllers, synthesizers, and virtual instruments • Headphones and studio monitors • Sample libraries and sound design tools • Teacher demonstrations and guided workshops • Peer critique and reflective discussion protocols

Marking Period 4 (MPIV)	Music Technology Curriculum Pacing Guide – Level III
<p>MP 4</p> <p>Standards for Music Technology Elective</p>	<ul style="list-style-type: none"> • 1.5.HS.MU.Cr1a Generate and refine sophisticated musical ideas using advanced digital tools, sound design techniques, and intentional artistic planning. • 1.5.HS.MU.Cr2a Organize and develop musical ideas into complex digital productions using advanced MIDI sequencing, audio recording, synthesis, and arrangement techniques. • 1.5.HS.MU.Cr3a Refine and complete musical works through detailed editing, sound shaping, revision, and application of critical feedback. • 1.5.HS.MU.Pr4a Produce and present music using digital tools with advanced technical accuracy, expressive intent, and stylistic clarity. • 1.5.HS.MU.Re7a Analyze, evaluate, and critique music technology projects using advanced music production and audio engineering vocabulary. • 1.5.HS.MU.Cn10a Relate music technology practices to personal artistic voice, contemporary media production, and postsecondary or career pathways.
<p>MP 4</p> <p>Topics</p>	<p>Review capstone expectations, assessment criteria, professional workflow standards, and portfolio requirements.</p> <p>Plan and design a capstone project including artistic concept, genre, structure, sound palette, and production goals.</p> <p>Develop core musical content using advanced MIDI programming, synthesis, sampling, and layered arrangements.</p> <p>Record and integrate audio sources with attention to signal quality, expressive nuance, and stylistic intent.</p> <p>Refine arrangement, transitions, and structure to strengthen musical impact and coherence.</p> <p>Apply advanced mixing techniques including EQ shaping, gain staging, stereo imaging, depth creation, and dynamic balance.</p> <p>Apply dynamics processing and spatial effects such as compression, limiting awareness, reverb, and delay to enhance clarity and cohesion.</p> <p>Revise projects through structured peer and teacher critique focusing on originality, balance, clarity, and artistic intent.</p> <p>Export and present final capstone projects in a formal listening session, showcase, or portfolio review.</p> <p>Reflect on artistic growth, technical mastery, creative challenges, and readiness for Music Technology Level IV or postsecondary study.</p>
<p>MP 4</p> <p>Skills- Concepts</p>	<p>Capstone Production, Workflow & Digital Composition:</p> <p>Students design and complete capstone-level digital compositions while applying professional music production workflows and advanced sound design techniques.</p>

	<p>Arrangement, Editing & Musical Structure: Students refine complex arrangements and musical structure through detailed audio editing, synthesis, and sound shaping techniques.</p> <p>Mixing, Dynamics & Spatial Processing: Students apply advanced mixing practices including balance, dynamics control, and spatial processing to achieve professional-quality sound.</p> <p>Portfolio Development, Artistic Voice & Career Preparation: Students curate digital portfolios, articulate artistic identity, and participate in professional critique while preparing for advanced study and careers in music technology.</p>
<p>MP 4</p> <p>Core Materials</p>	<ul style="list-style-type: none"> • Computers with advanced digital audio workstation software • Audio interfaces and microphones • MIDI controllers, synthesizers, and virtual instruments • Headphones and studio monitors • Sample libraries, synthesis tools, and sound design resources • Teacher-led workshops and one-on-one coaching • Peer critique, reflection tools, and portfolio platforms