Marking Period 1 (MPI)	Music Technology Curriculum Pacing Guide – Level II
MP 1 **Standards for Music Technology Elective**	• **1.5.HS.MU.Cr1a** Generate and refine musical ideas using digital tools, sound design techniques, and creative planning. • **1.5.HS.MU.Cr2a** Organize and develop musical ideas into structured compositions using digital audio workstations, MIDI sequencing, and audio recording. • **1.5.HS.MU.Cr3a** Refine and complete musical works through editing, revision, and application of intermediate production techniques. • **1.5.HS.MU.Pr4a** Produce and present music using digital tools with technical accuracy, expressive intent, and stylistic awareness. • **1.5.HS.MU.Re7a** Analyze, evaluate, and describe music technology projects using appropriate music production and audio vocabulary. • **1.5.HS.MU.Cn10a** Relate music technology skills to contemporary music styles, media production, and career pathways in audio and music technology.
MP 1 **Topics**	Review DAW functions Advanced MIDI sequencing Loop manipulation and sampling basics Digital recording using virtual instruments Track layering and arranging Mixing: balance, panning, EQ Effects processing (compression, filters) Genre study and sound design choices Intermediate multitrack project Project presentation
MP 1 **Skills- Concepts**	• **Digital Recording, Editing & MIDI Technique (MU.Pr5.1.HSI, MU.Cr3.1.HSI, MU.Cr2.1.HSI):** Students record audio, edit multitrack sessions, and sequence MIDI parts to construct complete digital compositions.

	• **Composition, Sampling & Layered Sound Design (MU.Cr1.1.HSI, MU.Cr2.1.HSI):** Students build musical works using loops, samples, layering techniques, and digital arranging strategies. • **Audio Processing & Technology Fluency (MU.Pr5.1.HSI):** Students apply effects processing, EQ, compression, and virtual instruments to shape high-quality sound production. • **Genre Understanding, Listening & Reflective Musicianship (MU.Cn11.1.HSI, MU.Re7.1.HSI, MU.Re9.1.HSI):** Students study contemporary genres, analyze sound choices, evaluate creative work, and reflect on musical intent and production outcomes.
MP 1 **Core Materials**	• Computer or Chromebook • DAW (Soundtrap, BandLab, GarageBand, etc.) • Headphones • MIDI keyboard (recommended) • Microphone or USB interface • Internet access

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Marking Period 2 (MPII)	Music Technology Curriculum Pacing Guide – Level II
MP 2 **Standards for Music Technology Elective**	• **1.5.HS.MU.Cr1a** Generate and refine musical ideas using digital tools, sound design techniques, and creative planning. • **1.5.HS.MU.Cr2a** Organize and develop musical ideas into structured compositions using digital audio workstations, MIDI sequencing, and audio recording. • **1.5.HS.MU.Cr3a** Refine and complete musical works through editing, revision, and application of intermediate production techniques. • **1.5.HS.MU.Pr4a** Produce and present music using digital tools with technical accuracy, expressive intent, and stylistic awareness. • **1.5.HS.MU.Re7a** Analyze, evaluate, and describe music technology projects using appropriate music production and audio vocabulary. • **1.5.HS.MU.Cn10a** Relate music technology skills to contemporary music styles, media production, and career pathways in audio and music technology.
MP 2 **Topics**	Review digital audio workstation workflow, signal flow, file management, and expectations for intermediate-level projects. Develop musical ideas through advanced MIDI sequencing, chord progressions, and melodic layering. Explore arrangement techniques including song form, texture, density, and contrast. Record audio using microphones and audio interfaces, focusing on clean signal capture and proper gain staging. Edit audio and MIDI tracks using advanced trimming, timing correction, comping, and automation basics. Apply intermediate mixing concepts including gain staging, EQ shaping, panning, and spatial awareness. Introduce dynamics processing concepts such as compression awareness and dynamic control. Refine compositions through revision, peer critique, and focused listening. Export and present intermediate-level digital music projects demonstrating technical and creative growth. Reflect on production process, skill development, and readiness for Music Technology Level III.
MP 2 **Skills- Concepts**	• **MIDI Sequencing, Arrangement & Digital Composition:** Students develop intermediate sequencing skills, layered sound design, musical structure, and creative arrangement techniques within a DAW.

	• **Recording, Editing & Workflow Mastery:** Students apply audio recording, signal flow awareness, advanced DAW organization, editing techniques, and automation to refine digital projects efficiently. • **Mixing Fundamentals & Sonic Balance:** Students explore EQ, dynamics, balance, and foundational mixing concepts to improve clarity and professional sound quality. • **Critical Listening, Project Management & Career Awareness:** Students engage in peer critique, revise intentionally, manage digital files responsibly, use technical vocabulary, and explore music technology careers and real-world applications.
MP 2 **Core Materials**	• Computers or tablets with digital audio workstation software • Audio interfaces and microphones • MIDI controllers or virtual instruments • Headphones and studio monitors as available • Sample libraries and sound design tools • Teacher demonstrations and guided tutorials • Peer critique and reflection tools

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Marking Period 3 (MPIII)	Music Technology Curriculum Pacing Guide – Level II
MP 3 **Standards for Music Technology Elective**	• **1.5.HS.MU.Cr1a** Generate and refine musical ideas using digital tools, sound design techniques, and creative planning. • **1.5.HS.MU.Cr2a** Organize and develop musical ideas into structured compositions using digital audio workstations, MIDI sequencing, and audio recording. • **1.5.HS.MU.Cr3a** Refine and complete musical works through editing, revision, and application of intermediate production techniques. • **1.5.HS.MU.Pr4a** Produce and present music using digital tools with technical accuracy, expressive intent, and stylistic awareness. • **1.5.HS.MU.Re7a** Analyze, evaluate, and describe music technology projects using appropriate music production and audio vocabulary. • **1.5.HS.MU.Cn10a** Relate music technology skills to contemporary music styles, media production, and career pathways in audio and music technology.
MP 3 **Topics**	Review intermediate production skills, project expectations, workflow efficiency, and critical listening strategies. Develop advanced MIDI sequencing techniques including articulation, velocity shaping, and expressive automation. Refine arrangement through layering, texture control, contrast, and dynamic pacing. Edit audio tracks using comping, noise reduction awareness, timing correction, and detailed waveform editing. Apply advanced mixing concepts including EQ shaping, gain staging, panning depth, and frequency balance. Introduce dynamics processing concepts such as compression, limiting awareness, and dynamic range control. Apply spatial effects including reverb and delay to create depth, clarity, and stylistic cohesion. Revise projects based on teacher and peer critique with attention to balance, clarity, and polish. Export and present refined digital music projects demonstrating technical proficiency and creative intent. Reflect on production growth, mixing skills, creative decision-making, and readiness for Music Technology Level III.

MP 3 **Skills- Concepts**	**Digital Production, MIDI Sequencing & Editing:** Students develop advanced MIDI sequencing and expressive control while editing audio waveforms and managing digital production workflows. **Arrangement, Form & Sound Design:** Students refine musical arrangements by shaping texture, exploring sound design techniques, and organizing ideas within clear musical form. **Mixing, Dynamics & Sonic Balance:** Students apply intermediate-to-advanced mixing techniques while controlling dynamics, spatial effects, balance, and clarity in digital productions. **Critical Listening, Workflow & Professional Practice:** Students strengthen critical listening and project revision skills while using efficient file management, technical vocabulary, and peer critique to prepare for real-world music technology applications.
MP 3 **Core Materials**	• Computers or tablets with digital audio workstation software • Audio interfaces and microphones • MIDI controllers or virtual instruments • Headphones and studio monitors as available • Sample libraries and sound design tools • Teacher demonstrations and guided tutorials • Peer critique and reflection protocols

Marking Period 4 (MPIV)	Music Technology Curriculum Pacing Guide – Level II
MP 4 **Standards for Music Technology Elective**	• **1.5.HS.MU.Cr1a** Generate and refine musical ideas using digital tools, sound design techniques, and creative planning • **1.5.HS.MU.Cr2a** Organize and develop musical ideas into structured compositions using digital audio workstations, MIDI sequencing, and audio recording. • **1.5.HS.MU.Cr3a** Refine and complete musical works through editing, revision, and application of intermediate production techniques. • **1.5.HS.MU.Pr4a** Produce and present music using digital tools with technical accuracy, expressive intent, and stylistic awareness. • **1.5.HS.MU.Re7a** Analyze, evaluate, and describe music technology projects using appropriate music production and audio vocabulary. • **1.5.HS.MU.Cn10a** Relate music technology skills to contemporary music styles, media production, and career pathways in audio and music technology.
MP 4 **Topics**	Review expectations for the culminating project, assessment criteria, workflow standards, and professional file management. Plan and outline a final digital music project including genre, structure, instrumentation, and production goals. Develop core musical content using advanced MIDI sequencing, audio tracks, and layered arrangement techniques. Record and edit audio with attention to signal quality, timing accuracy, and expressive consistency. Refine arrangement, transitions, and structure to improve musical flow and impact. Apply advanced mixing techniques including EQ shaping, gain staging, panning depth, and dynamic balance. Apply dynamics processing and spatial effects such as compression, reverb, and delay for clarity and cohesion. Revise projects based on teacher and peer critique with attention to polish, balance, and stylistic intent. Export and present final digital music projects in a listening session, showcase, or portfolio format. Reflect on creative growth, technical development, production challenges, and readiness for Music Technology Level III.
MP 4 **Skills- Concepts**	**Digital Production Workflow, MIDI & Audio Integration:** Students complete culminating digital compositions while applying advanced MIDI sequencing and audio integration within a professional production workflow.

	Editing, Arrangement & Sound Shaping: Students refine projects through detailed editing, arrangement development, and sound design decisions that support stylistic control and musical structure. **Mixing, Dynamics & Spatial Processing:** Students apply intermediate-to-advanced mixing techniques while shaping balance, dynamics, and spatial processing to achieve clarity and professional sound quality. **Presentation, Reflection & Music Technology Pathways:** Students present projects using professional file management and portfolio practices while engaging in critique, reflective goal setting, and preparation for advanced music technology study.
MP 4 **Core Materials**	• Computers or tablets with digital audio workstation software • Audio interfaces and microphones • MIDI controllers or virtual instruments • Headphones and studio monitors as available • Sample libraries and sound design tools • Teacher demonstrations and guided tutorials • Peer critique and reflection tools