

## eNovation 7: Extending to the 6th

**NOTE:** Video and audio files are found in the media playlist at the bottom of each lesson page.

### eNovation 7 Overview

Goals	<b>Summary:</b> This eNovation explores multiple ways that the pentascale can be extended to the interval of the 6th. These include extensions, cross overs, and position shifts. In addition, 6ths will be used to create the chord shells of the I, IV, and V chords in inversions. Blues and Boogie-Woogie styles are taught in a series of aural and notated activities.
Key Elements:	<ul style="list-style-type: none"> <li>• Technique: Playing 6ths; Position Shifts and Extensions; Over and Back Thumb Crossings</li> <li>• Rhythm: Swing; Syncopation</li> <li>• Theory: Chord Shells of the I, IV, V Inversions</li> <li>• Theory: Instrument Transposition: Bb, Eb, A, and F Instruments</li> <li>• Theory: Blues and Dorian Scales</li> <li>• Styles: The 12-Bar Blues; Boogie-Woogie Style</li> </ul>
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### **Topic 1: Playing 6ths through extensions and over-and-back thumb crossings.**

Lesson Goals			
In this lesson, students become familiar with the topography of the keyboard when playing 6ths and will be able to read and play comfortably when extending to the 6th without looking at their hands.			
Activity Type / Title with Links			Instructions/Comments
<input type="checkbox"/>	Learn More	<a href="#"><u>Extending to 6ths</u></a> : Read the introduction to this topic found on this page.	Read about this topic
<input type="checkbox"/>	Theory	<a href="#"><u>Staff ID: Intervals to 6ths (MT.NET)</u></a>	Complete this MT.NET drill.
<input type="checkbox"/>	Listening	<a href="#"><u>Aural ID: M2, m2, M3, m3, P4, P5, M6, P8 (MT.NET)</u></a>	Interval Identification.
<input type="checkbox"/>	Keyboard Awareness	<a href="#"><u>Keyboard ID: Intervals to 6ths (MT.NET)</u></a>	Complete this MT.NET drill.
<input type="checkbox"/>	Technique	<a href="#"><u>Thumb Extensions - Playing 6ths</u></a>	Practice moving from a 5th to a 6th by extending your hand away from your thumb, as well as by extending your thumb away from your hand.



<input type="checkbox"/>	Keyboard Awareness	<a href="#">Keyboard Topography (6ths)</a>	This drill will help you use your sense of touch to extend to the 6th. Visualize the keyboard as you play these drills without looking at your hands. Choose keys as needed.
<input type="checkbox"/>	Reading	<a href="#">Reading 7.1: Extending to 6ths (H.S.)</a>	These readings provide hand separate practice with extensions, position shifts and crossovers. (Choose as needed) #1-8 white keys / #9-16 black keys / #8,16 in C-clef
<input type="checkbox"/>	Reading	<a href="#">Harmonic Reading 7.1: Intervals to 6ths</a>	#1-4 White keys / #5-8 Black Keys. Choose as needed.
<input type="checkbox"/>	Technique	<a href="#">Dexterity Drill 7: Extending to 6ths</a>	Practice in major/minor white keys
<input type="checkbox"/>	Listening	Aural Playback: <a href="#">Lavender's Blue (England)</a>	Playback this tune as you hear it on the audio track.
<input type="checkbox"/>	Reading	<a href="#">Reading 7.2 - 7.3: Extending to 6ths (HT)</a>	These readings provide practice with extensions, position shifts and crossovers in two-handed textures. (Choose as Needed) 7.1 – White keys / 7.2 – Black keys
<input type="checkbox"/>	Harmonization	<a href="#">This Old Man (England) (I,IV,V,V7)</a>	(A Major) I,IV,V,V7 In this activity, you will try to "hear" when the tonic (I), subdominant (IV), and dominant (V) chords are used in the audio recording. You will then create a harmonization based on what you heard.
<input type="checkbox"/>	Harmonization	<a href="#">When The Train Comes Along (U.S. - Spiritual) (i,iv,V)</a>	(D Minor) i,iv,V In this activity, you will try to "hear" when the tonic (I), subdominant (IV), and dominant (V) chords are used in the audio recording. You will then create a harmonization based on what you heard.
<input type="checkbox"/>	Harmonization	<a href="#">Shall We Gather at the River? by Robert Lowry (I,IV,V)</a>	(Eb Major) I,IV,V In this activity, you will try to "hear" when the tonic (I), subdominant (IV), and dominant (V) chords are used in the audio recording. You will then create a harmonization based on what you heard.
<input type="checkbox"/>	Lead Sheet	<a href="#">Lead Sheet: Sleep, Baby Sleep (Germany)</a>	(Ab Major, 4/4) Lead sheet with I and V chord inversion shells.
<input type="checkbox"/>	Ensemble	<a href="#">Los Machetes (Mexico)</a>	(G and C Major, 2/4) Multiple Keyboard Ensemble (3-6 players)



<input type="checkbox"/>	Repertoire	<a href="#">Andante by August Eberhard Müller</a>	(F Major, 4/4) Thumb extensions in both hands. 4-part texture.
<input type="checkbox"/>	Repertoire	<a href="#">No Regrets by Chan Kiat Lim</a>	(C Major, 6/8) Features Thumb Extensions in the LH. Harmonic intervals in the RH.
<input type="checkbox"/>	Repertoire	<a href="#">Homage to Beethoven by Susanna Garcia</a>	(F# Minor, 4/4) ABA form with a modulation to A Major.
<input type="checkbox"/>	Repertoire	<a href="#">Étude, Op. 70, No. 24 by Hermann Berens</a>	(C Major, 3/4) The piece uses both extension techniques: crossing over the thumb in the right hand and expanding your left hand to reach a harmonic sixth.
<input type="checkbox"/>	Repertoire	<a href="#">Homage to J.C. Bach by Chan Kiat Lim</a>	(C Minor, 3/4) This piece is a challenging one. It features a parallel-motion theme borrowed from Bach's <i>Polonaise in G minor</i> and utilizes both thumb crossings and extensions in the L.H.

## Topic 2: Using 6ths in Varied Stylistic Contexts / Swing & Syncopation / Dorian & Blues Scales

Lesson Goals			
In this lesson, students use 6ths in various traditional contexts such as melody and accompaniment, but will also include syncopated styles such as Calypso, Blues, and Boogie-Woogie. You will find a number of repertoire selections that utilize syncopation.			
Activity Type / Title with Links			Instructions/Comments
<input type="checkbox"/>	Videos (4)	<a href="#">Watch instructional videos.</a> <i>Blues 1: Harmonic Structure - The 12-Bar Blues;</i> <i>Blues 2: Melodic Structure;</i> <i>Blues 3: Rhythmic Aspects –Swing;</i> <i>Swing Time Demo</i>	<a href="#">Watch Instructional Videos</a>
<input type="checkbox"/>	Rhythm	<a href="#">Rhythm Drill: Swing</a>	Watch Video: <i>Swing Time Demo</i> . Count carefully while tapping these out. When you are ready, practice them with the play-along audio tracks found at the bottom of the page.
<input type="checkbox"/>	Listening	<a href="#">Aural ID: Dorian Scale: (MT.NET)</a>	Complete this MT.NET drill. Scale degree recognition within Dorian scale.
<input type="checkbox"/>	Listening	<a href="#">Intervals of the Blues/Dorian Scales - M2, m3, P4, TT, P5, M6, m7 (MT.NET)</a>	Interval Recognition: Intervals commonly used in pop music based on the blues and Dorian scales.
<input type="checkbox"/>	Listening	<a href="#">Aural Playback: Dorian and Blues Scales</a>	Play back the phrases that you hear, alternating one-bar patterns with the performer on the audio track. You must use the cross-over fingering shown. This may require repeated listening!



<input type="checkbox"/>	Improvisation	<a href="#">The Blues Scale</a>	Create a 16-bar improvisation using the blues scale in C, F, Bb, or Eb and perform with the play-along audio track.
<input type="checkbox"/>	Technique	<a href="#">Coordination Drill 3: Extending to the 6th</a>	This drill focuses on the three basic motions of coordination using keyboard style accompaniment. It is important to observe the marked slurs.
<input type="checkbox"/>	Rhythm	<a href="#">Rhythm Coordination 4: Syncopation 1</a>	Count carefully while tapping these out. When you are ready, practice them with the play-along audio tracks found at the bottom of the page.
<input type="checkbox"/>	Collaborative Piano	<a href="#">Pay Me My Money Down (U.S. - Georgia Sea Islands)</a>	Bb Major. Perform this syncopated tune as a sing-along.
<input type="checkbox"/>	Pop Tune Arranging:	<a href="#">Boogie Woogie Blues (12-Bar Blues)</a>	You will use the 12-bar blues progression as the basis for creating your own arrangement of a popular tune in boogie-woogie style. Choose a tune from the playlist. Refer to the "Practice Tips" document called "Using the Worksheet to Create a Performance Map."
<input type="checkbox"/>	Repertoire	<a href="#">Bing's Boogie by Susanna Garcia</a>	(C Major, 4/4) Bing's Boogie is built on the 12-bar blues progression and uses a classic groove that was standard in the boogie-woogie piano styles popularized in the 1930s.
<input type="checkbox"/>	Repertoire	<a href="#">Skipping Home by Chan Kiat Lim</a>	(C Major, 2/2) Features a syncopated melody with sequences of diatonic triads.
<input type="checkbox"/>	Repertoire	<a href="#">Allegro Deciso by Béla Bartók</a>	(Modal, 4/4) This highly syncopated piece is a study in rapid interval shifts including many 6ths.
<input type="checkbox"/>	Repertoire	<a href="#">Interval Rag by Chan Kiat Lim</a>	(C Major, 4/4) This challenging piece requires fluidity of motion, with many positions shifts. Features syncopation.

### Topic 3: Transposing Instruments / Score Reading / Advanced Reading Skills

Lesson Goals			
In this lesson, students learn about transposing instruments and continue developing advanced functional skills include score reading, timed reading, and transposing to many keys.			
Activity Type / Title with Links			Instructions/Comments
<input type="checkbox"/>	Transposition	<a href="#">Vocal Tenor &amp; Octave Transpositions (C Instruments) (Extending to 6ths)</a>	



<input type="checkbox"/>	Score Reading	<a href="#"><u>Extending to the 6th (2/3 Staves, 2 Parts, 1 Hand)</u></a>	Be sure that you are playing both parts with the same hand!
<input type="checkbox"/>	Score Reading	<a href="#"><u>Extending to the 6th (3 Staves, 2 Hands)</u></a>	Be able to play the three parts simultaneously, and all combinations of two parts.
<input type="checkbox"/>	Videos (2)	<a href="#"><u>Review Videos: Understanding Transposing Instruments; Playing a Transposed Part in Concert Pitch</u></a>	<b>Review Instructional Videos</b>
<input type="checkbox"/>	Transposition	<a href="#"><u>Bb, Eb, A, and F Instruments (Extending to 6ths)</u></a>	
<input type="checkbox"/>	Score Reading	<a href="#"><u>Extending to the 6th (2 Staves, 1 Transposing Part)</u></a>	Contains one transposing part.
<input type="checkbox"/>	Timed Reading	<a href="#"><u>Extending to 6ths</u></a>	These timed reading drills focus on the patterns using 6ths. Adjust the slideshow for comfort.
<input type="checkbox"/>	Transposition	<a href="#"><u>Vivace, Op. 177 No. 8 by Cornelius Gurlitt</u></a>	Transpose <i>Vivace</i> to the indicated keys.

