

# V Scales, Arpeggios and Thirds

Students should focus on the skills and octaves that are appropriate for their level of ability and experience. Begin learning a scale by playing each note without a pulse; listen and adjust fingertips to fine tune each pitch before moving to the next note. Then, add a pulse and learn half and quarter notes, the printed rhythm, and finally add slurs, as shown below.

The exercises are as follows:

- A:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- B:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- C:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- D:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- E:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- F:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.
- G:** A scale starting on C4, moving up and then down, with a slur over the entire phrase. Rhythm: quarter notes.

Use the following checklist to guide your practice:

<b>Tone</b>	<input type="checkbox"/> Sound <b>projects</b> well with an excellent tone quality. <input type="checkbox"/> <b>Contact point</b> is the correct distance between bridge and fingerboard. <input type="checkbox"/> The <b>bow angle</b> is perpendicular to the string and rotated correctly. <input type="checkbox"/> <b>Part of the bow</b> is correct. <input type="checkbox"/> <b>Bow weight and speed</b> are balanced and produce an excellent tone that projects well.
<b>Intonation</b>	<input type="checkbox"/> <b>Notes are consistently correct and in tune</b> , especially fourth and seventh scale degrees. <input type="checkbox"/> <b>Hand placement</b> is correct on fingerboard, not sharp or flat. <input type="checkbox"/> <b>Finger pattern</b> (half-step placement) is correct; half- and whole-step distances are correct. <input type="checkbox"/> <b>Shifts</b> are clean and well-executed; <b>fingerings</b> are correct. <input type="checkbox"/> <b>Fingertips adjust quickly</b> , refining the pitch after finger placement.
<b>Tempo and Rhythm</b>	<input type="checkbox"/> <b>Tempos</b> are consistent; no stopping, stumbling, rushing, or dragging. <input type="checkbox"/> <b>Rhythm</b> is correct. <input type="checkbox"/> Exercise is <b>memorized</b> when appropriate.

Students of different levels can learn and perform scales at the same time. Those performing more octaves should begin their scale first, as shown below.

The notation shows three staves for scales in G major (one sharp) and 4/4 time:

- 3-Octave:** The top staff shows a scale starting on G4, moving up and then down, with a slur over the entire phrase.
- 2-Octave:** The middle staff shows a scale starting on G3, moving up and then down, with a slur over the entire phrase.
- 1-Octave:** The bottom staff shows a scale starting on G2, moving up and then down, with a slur over the entire phrase.

# Major Scales, Arpeggios, and Thirds

## C Major

### 65. Tuning Canon

1. 2. 3. 4.



### 66. Tuning Chords



div. III

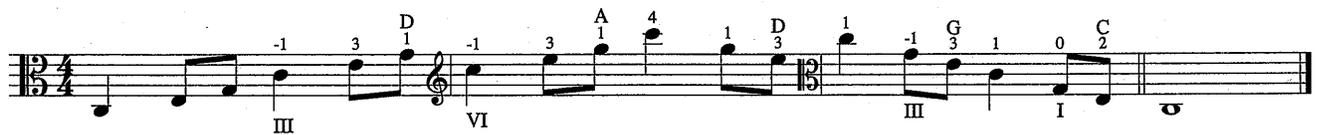
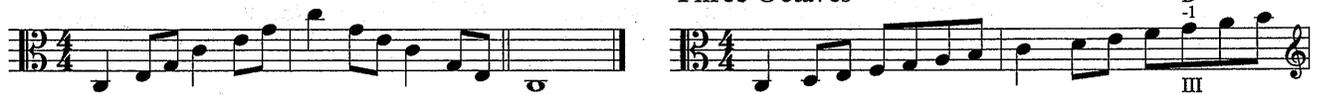
### 67. Scales and Arpeggios - One Octave



### Two Octaves



### Three Octaves



### 68. Dominant Arpeggio



### 69. Thirds - Lower Octave



### Upper Octave





# D Major

## 75. Tuning Canon

## 76. Tuning Chords

## 77. Scales and Arpeggios - One Octave

## Two Octaves

## Three Octaves

## 78. Dominant Arpeggio

## 79. Thirds - Lower Octave

## Upper Octave

# A Major

## 80. Tuning Canon

## 81. Tuning Chords

## 82. Scales and Arpeggios - One Octave

## Two Octaves

## Three Octaves

## 83. Dominant Arpeggio

## 84. Thirds - Lower Octave

## Upper Octave

# E Major

## 85. Tuning Canon

## 86. Tuning Chords

## 87. Scales and Arpeggios - One Octave

## Two Octaves

## 88. Dominant Arpeggio

## 89. Thirds - Lower Octave

## Upper Octave



# F# Major

## 95. Tuning Canon

## 96. Tuning Chords

## 97. Scales and Arpeggios - One Octave

## Two Octaves

## Three Octaves

## 98. Dominant Arpeggio

## 99. Thirds - Lower Octave

## Upper Octave

# F Major

## 100. Tuning Canon

1. 2. 3. 4.

Exercise 100 consists of four measures of music in F major, 4/4 time. The notes are: 1. G4, A4, B4, C5; 2. A4, B4, C5, B4; 3. G4, A4, B4, C5; 4. G4, A4, B4, C5. The first measure has a repeat sign.

## 101. Tuning Chords

Exercise 101 shows four chords in F major, 4/4 time: F major (F-A-C), C major (C-E-G), F major (F-A-C), and F major (F-A-C). The first chord is marked with a 'div.' (divisi) instruction.

## 102. Scales and Arpeggios - One Octave

Exercise 102 shows the one-octave F major scale in two directions: ascending (G4-A4-B4-C5-D5-E5-F5) and descending (F5-E5-D5-C5-B4-A4-G4). The ascending scale is marked with fingering 1-2-3-4 and 1-2-3-4. The descending scale is marked with fingering 3-2-1 and 4-3-2-1.

## Two Octaves

Exercise 102 shows the two-octave F major scale in two directions. The ascending scale is marked with fingering 1-2-3-4, 1-2-3-4, and 1-2-3-4. The descending scale is marked with fingering 4-3-2-1, 4-3-2-1, and 4-3-2-1. Chord diagrams for D major (D-F-A) and A major (A-C-E) are shown above the notes.

Exercise 102 shows the two-octave F major scale in two directions, measures 1-4. The ascending scale is marked with fingering 1-2-3-4, 1-2-3-4, and 1-2-3-4. The descending scale is marked with fingering 4-3-2-1, 4-3-2-1, and 4-3-2-1. Chord diagrams for G major (G-B-D), D major (D-F-A), and A major (A-C-E) are shown above the notes.

## Three Octaves

Exercise 102 shows the three-octave F major scale in two directions. The ascending scale is marked with fingering 1-2-3-4, 1-2-3-4, 1-2-3-4, 1-2-3-4, and 1-2-3-4. The descending scale is marked with fingering 4-3-2-1, 4-3-2-1, 4-3-2-1, 4-3-2-1, and 4-3-2-1. Chord diagrams for C major (C-E-G), G major (G-B-D), and A major (A-C-E) are shown above the notes.

Exercise 102 shows the three-octave F major scale in two directions, measures 1-4. The ascending scale is marked with fingering 1-2-3-4, 1-2-3-4, 1-2-3-4, 1-2-3-4, and 1-2-3-4. The descending scale is marked with fingering 4-3-2-1, 4-3-2-1, 4-3-2-1, 4-3-2-1, and 4-3-2-1. Chord diagrams for D major (D-F-A), G major (G-B-D), and C major (C-E-G) are shown above the notes.

Exercise 102 shows the three-octave F major scale in two directions, measures 5-8. The ascending scale is marked with fingering 1-2-3-4, 1-2-3-4, 1-2-3-4, 1-2-3-4, and 1-2-3-4. The descending scale is marked with fingering 4-3-2-1, 4-3-2-1, 4-3-2-1, 4-3-2-1, and 4-3-2-1. Chord diagrams for D major (D-F-A), G major (G-B-D), and C major (C-E-G) are shown above the notes.

## 103. Dominant Arpeggio

Exercise 103 shows the dominant arpeggio in F major (F-A-C-E-G) in two directions: ascending and descending. The ascending arpeggio is marked with fingering 1-2-3-4-5. The descending arpeggio is marked with fingering 5-4-3-2-1.

## 104. Thirds - Lower Octave

Exercise 104 shows the lower octave F major thirds in two directions: ascending (G4-A4, A4-B4, B4-C5, C5-D5, D5-E5, E5-F5) and descending (F5-E5, E5-D5, D5-C5, C5-B4, B4-A4, A4-G4). The ascending thirds are marked with fingering 1-2-3-4-5-6. The descending thirds are marked with fingering 6-5-4-3-2-1.

## Upper Octave

Exercise 104 shows the upper octave F major thirds in two directions: ascending (G5-A5, A5-B5, B5-C6, C6-D6, D6-E6, E6-F6) and descending (F6-E6, E6-D6, D6-C6, C6-B5, B5-A5, A5-G5). The ascending thirds are marked with fingering 4-5-6-7-8-9. The descending thirds are marked with fingering 9-8-7-6-5-4.

# B $\flat$ Major

## 105. Tuning Canon

## 106. Tuning Chords

## 107. Scales and Arpeggios - One Octave

### Two Octaves

### Three Octaves

## 108. Dominant Arpeggio

## 109. Thirds - Lower Octave

### Upper Octave

# E<sup>b</sup> Major

## 110. Tuning Canon

1. 2. 3. 4.

## 111. Tuning Chords

## 112. Scales and Arpeggios - One Octave

### Two Octaves

### Three Octaves

## 113. Dominant Arpeggio

## 114. Thirds - Lower Octave

### Upper Octave

# A<sup>b</sup> Major

## 115. Tuning Canon

1. 2. 3. 4.

## 116. Tuning Chords

## 117. Scales and Arpeggios - One Octave

### Two Octaves

### Three Octaves

## 118. Dominant Arpeggio

## 119. Thirds - Lower Octave

### Upper Octave

# D<sup>b</sup> Major

## 120. Tuning Canon

1. 2. 3. 4.

## 121. Tuning Chords

## 122. Scales and Arpeggios - One Octave

### Two Octaves

## 123. Dominant Arpeggio

## 124. Thirds - Lower Octave

### Upper Octave