

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 in 2/4 time with slurs over each note.
- B:** A scale in 2/4 time with a pulse (vertical line) under each note.
- C:** A scale in 2/4 time with quarter notes.
- D:** A scale in 3/4 time with eighth notes.
- E:** A scale in 3/4 time with eighth notes and slurs.
- F:** A scale in 3/4 time with eighth notes and slurs.
- G:** A scale in 3/4 time with eighth notes and slurs.

Use the following checklist to guide your practice:

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

- 3-Octave:** The top staff, starting on G4 and ending on G6.
- 2-Octave:** The middle staff, starting on G4 and ending on G5.
- 1-Octave:** The bottom staff, starting on G4 and ending on G5.

The key signature is one sharp (F#) and the time signature is 4/4.

Major Scales, Arpeggios, and Thirds

C Major

65. Tuning Canon

1. 2. 3. 4.

66. Tuning Chords

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

B Major

90. Tuning Canon

1. 2. 3. 4.

91. Tuning Chords

92. Scales and Arpeggios - One Octave

Two Octaves

Three Octaves

93. Dominant Arpeggio

94. 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, D5; 3. B4, A4, G4, F4; 4. E4, D4, C4, B3. The first measure has a repeat sign.

101. Tuning Chords

Exercise 101 shows four chords in F major: 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 (F4-A4-C5-G4-E4-D4) and descending (C4-B3-A3-G3-F4). The descending scale is marked with a '3' above the first measure and an 'I' below it.

Two Octaves

Exercise 102 shows the two-octave F major scale in two directions. The descending scale is marked with 'D -1', 'A 1', 'D 4', and 'I' below it.

Exercise 102 shows the two-octave F major scale in two directions. The descending scale is marked with 'G -1', 'D 2', 'A 3', 'D 4', 'G 2', and 'I' below it.

Three Octaves

Exercise 102 shows the three-octave F major scale in two directions. The descending scale is marked with 'C 2', 'G 1', 'D 1', and 'IV' below it.

Exercise 102 shows the three-octave F major scale in two directions. The descending scale is marked with 'VI', 'VIII', 'V', and 'II' below it.

Exercise 102 shows the three-octave F major scale in two directions. The descending scale is marked with 'II', 'IV', 'VII', and 'II' below it.

103. Dominant Arpeggio

Exercise 103 shows the dominant arpeggio (F4-A4-C5-G4) in two directions: ascending and descending. The descending arpeggio is marked with a '1' below it.

104. Thirds - Lower Octave

Exercise 104 shows the lower octave F major thirds in two directions: ascending (F4-A4, G4-B4, A4-C5, B4-D5) and descending (D5-C5, B4-A4, G4-F4, E4-D4). The descending thirds are marked with a '1' below them.

Upper Octave

Exercise 104 shows the upper octave F major thirds in two directions: ascending (F5-A5, G5-B5, A5-C6, B5-D6) and descending (D6-C6, B5-A5, G5-F5, E5-D5). The descending thirds are marked with a '1' below them.

E^b 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^b 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^b Major

120. Tuning Canon

1. 2. 3. 4.

121. Tuning Chords

122. Scales and Arpeggios - One Octave

Two Octaves

Three Octaves

123. Dominant Arpeggio

124. Thirds - Lower Octave

Upper Octave