

CELLO

# CDA HS - ONE OCTAVE SCALES AND ARPEGGIOS

## C Major Scale

0 1 3 4 0 1 3 4 4 3 1 0 4 3 1 0

I

0 3 0 4 4 0 3 0

## G Major Scale

0 1 3 4 0 1 3 4 4 3 1 0 4 3 1 0

I

0 3 0 4 4 0 3 0

## D Major Scale

1 x 2 4 0 1 x 2 4 0 0 4 2 x 1 0 4 2 x 1

I

1 x 4 x 1 0 0 1 x 4 x 1

## A Major Scale

1 x 2 4 0 1 2 x 4 0 0 4 2 x 1 0 4 2 x 1

I

1 x 4 x 1 0 0 1 x 4 x 1

### E Major Scale

1 3 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 3 1

I III II III I

1 - 1 4 2 2 4 1 - 1

I III I

The E Major scale is shown on a bass clef staff with a key signature of three sharps (F#, C#, G#). The first line contains the ascending scale with fingerings: 1, 3, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 3, 1. Below the notes are fretboard diagrams for positions I, III, II, III, and I. The second line contains the descending scale with fingerings: 1, 1, 4, 2, 2, 4, 1, 1. Below the notes are fretboard diagrams for positions I, III, and I.

### B Major Scale

1 x 2 4 - 1 x 2 4 - 1 2 2 1 - 4 2 x 1 - 4 2 x 1

II I 1/2 I II

4 1 4 2 2 4 1 4

1/2

The B Major scale is shown on a bass clef staff with a key signature of two sharps (F#, C#). The first line contains the ascending scale with fingerings: 1, x, 2, 4, 1, x, 2, 4, 1, 2, 2, 1, 4, 2, x, 1, 4, 2, x, 1. Below the notes are fretboard diagrams for positions II, I, 1/2, I, and II. The second line contains the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below the notes are fretboard diagrams for positions 1/2 and I.

### Cb Major Scale

1 3 1 - 2 4 - 1 - 3 4 4 3 1 - 4 2 1 - 3 1

III 1/2 IV 1/2 III

4 1 4 2 2 4 1 4

1/2

The Cb Major scale is shown on a bass clef staff with a key signature of three flats (Bb, Eb, Ab). The first line contains the ascending scale with fingerings: 1, 3, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 3, 1. Below the notes are fretboard diagrams for positions III, 1/2, IV, 1/2, and III. The second line contains the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below the notes are fretboard diagrams for positions 1/2 and I.

### F# Major Scale

2 4 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 4 2

I 1/2 III 1/2 I

2 - 1 4 2 2 4 1 - 2

I1/2 IV1/2 I1/2

The F# Major scale is shown on a bass clef staff with a key signature of three sharps (F#, C#, G#). The first line contains the ascending scale with fingerings: 2, 4, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 4, 2. Below the notes are fretboard diagrams for positions I, 1/2, III, 1/2, and I. The second line contains the descending scale with fingerings: 2, 1, 4, 2, 2, 4, 1, 2. Below the notes are fretboard diagrams for positions I1/2, IV1/2, and I1/2.

### Gb Major Scale

1 3 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 3 1

IV II 1/2 II IV

4 1 4 2 2 4 1 4

II

The Gb Major scale is shown on a bass clef staff with a key signature of two flats (Bb, Eb). The first line contains the ascending scale with fingerings: 1, 3, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 3, 1. Below the notes are fretboard diagrams for positions IV, II, 1/2, II, and IV. The second line contains the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below the notes are fretboard diagrams for positions II and I.

**C# Major Scale**

3

2 4 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 4 2

II I<sub>1/2</sub> 1/2 I<sub>1/2</sub> II

4 1 4 2 2 4 1 4

I<sub>1/2</sub>

Detailed description: This diagram shows the fingering for the C# major scale in bass clef. The first line contains the ascending scale with fingerings: 2, 4, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 4, 2. Below the notes are barre positions: II, I<sub>1/2</sub>, 1/2, I<sub>1/2</sub>, II. The second line shows the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below it is the barre position I<sub>1/2</sub>.

**Db Major Scale**

2 4 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 4 2

III II 1/2 II III

4 1 4 2 2 4 1 4

II

Detailed description: This diagram shows the fingering for the D-flat major scale in bass clef. The first line contains the ascending scale with fingerings: 2, 4, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 4, 2. Below the notes are barre positions: III, II, 1/2, II, III. The second line shows the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below it is the barre position II.

**Ab Major Scale**

1 3 - 1 2 4 - 1 3 4 4 3 1 - 4 2 1 - 3 1

1/2 III II III 1/2

4 1 4 2 2 4 1 4

III

Detailed description: This diagram shows the fingering for the A-flat major scale in bass clef. The first line contains the ascending scale with fingerings: 1, 3, 1, 2, 4, 1, 3, 4, 4, 3, 1, 4, 2, 1, 3, 1. Below the notes are barre positions: 1/2, III, II, III, 1/2. The second line shows the descending scale with fingerings: 4, 1, 4, 2, 2, 4, 1, 4. Below it is the barre position III.

**Eb Major Scale**

2 4 0 1 x 2 4 0 1 1 0 4 2 x 1 0 4 2

I

2 0 2 x 1 1 x 2 0 2

I

Detailed description: This diagram shows the fingering for the E-flat major scale in bass clef. The first line contains the ascending scale with fingerings: 2, 4, 0, 1, x, 2, 4, 0, 1, 1, 0, 4, 2, x, 1, 0, 4, 2. Below the notes is the barre position I. The second line shows the descending scale with fingerings: 2, 0, 2, x, 1, 1, x, 2, 0, 2. Below it is the barre position I.

**Bb Major Scale**

2 4 0 1 x 2 4 0 1 1 0 4 2 x 1 0 4 2

I

Detailed description: This is the first line of notation for the Bb Major Scale in bass clef. It contains 16 notes: Bb2 (fret 2), Bb3 (fret 4), Bb4 (open), Bb5 (fret 1), Bb6 (open, marked with an 'x'), Bb7 (fret 2), Bb8 (fret 4), Bb9 (open), Bb10 (fret 1), Bb11 (fret 1), Bb12 (open), Bb13 (fret 4), Bb14 (fret 2), Bb15 (open, marked with an 'x'), Bb16 (fret 1), Bb17 (open), Bb18 (fret 4), and Bb19 (fret 2). Slurs are placed over the notes Bb4-Bb5, Bb9-Bb10, Bb11-Bb12, and Bb16-Bb17.

4 1 4 2 2 4 1 4

IV

Detailed description: This is the second line of notation for the Bb Major Scale in bass clef. It contains 8 notes: Bb20 (fret 4), Bb21 (fret 1), Bb22 (fret 4), Bb23 (fret 2), Bb24 (fret 2), Bb25 (fret 4), Bb26 (fret 1), and Bb27 (fret 4). The line ends with a double bar line.

**F Major Scale**

4 0 1 2 4 0 1 2 2 1 0 4 2 1 0 4

I

Detailed description: This is the first line of notation for the F Major Scale in bass clef. It contains 16 notes: F2 (fret 4), F3 (open), F4 (fret 1), F5 (fret 2), F6 (fret 4), F7 (open), F8 (fret 1), F9 (fret 2), F10 (fret 2), F11 (fret 1), F12 (open), F13 (fret 4), F14 (fret 2), F15 (fret 1), F16 (open), and F17 (fret 4). Slurs are placed over the notes F4-F5 and F14-F15.

4 1 4 2 2 4 1 4

I

Detailed description: This is the second line of notation for the F Major Scale in bass clef. It contains 8 notes: F18 (fret 4), F19 (fret 1), F20 (fret 4), F21 (fret 2), F22 (fret 2), F23 (fret 4), F24 (fret 1), and F25 (fret 4). The line ends with a double bar line.