

Tiziano Mattei

CELLO SCALES

all major, minor, and modal keys
up to the 7th position (and beyond)

– version A –



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This booklet contains all *major*, *minor* (natural, harmonic, melodic), and *modal* (dorian, phrygian, lydian, mixolydian, locrian) scales for cello. It features fingerings through 2 or 3 octaves, up to the 7th position.

At the beginning of each section, a suggestion shows how to finger higher octaves, allowing to easily extend the scales up to four octaves.

Fingerings follow some general criteria:

- use open strings;
- switch to the next string as soon as possible;
- play the highest note of the scale using the third or fourth finger, and staying in the same position for the last three notes (there are a few exceptions to this rule for practical reasons, especially when extending the scales);
- play at least three notes in each position (again with some exceptions, e.g. to take advantage of an open string or to end with the fourth finger).

Fingerings are written in a minimal style, yet unambiguously.

Wherever two options are possible, it is preferable to use the lowest position (i.e., half position instead of fifth).

All fingerings are intended as suggestions and you are encouraged to adapt them to your preferences and your needs.

There exists a “universal” fingering that can be used for the first two octaves of any scale – starting with the first finger, then shifting down the string or up to the next string every three notes and avoiding all open strings.

However, this fingering has been suggested only in cases where there are no valid alternatives.

– version A –

In this version, each modal scale shares its key signature with its corresponding major scale (e.g. the scale of A phrygian has the same key signature as the F major scale).

1 • Major scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves

(for notes in 4th and 5th position, the fingering 1-3 is also possible).

C major

Musical notation for the C major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 0, 0, 0, 0, 1, 1, 3, 1, 3, 2, 2, 3, 4, 3, 2, 1, 0.

D \flat major

Musical notation for the D \flat major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

C \sharp major

Musical notation for the C \sharp major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

Musical notation for the D major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 1, 0, 0, 0, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

D major

Musical notation for the E \flat major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 2, 0, 0, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

E \flat major

Musical notation for the E major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

E major

Musical notation for the F major scale, starting in the bass clef and moving to the treble clef. The scale is written in 1/4 note rhythm. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 1, 0.

F major

Musical notation for the F major scale in bass clef. The scale consists of the notes F, G, A, Bb, C, D, E, F. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

F# major

Musical notation for the F# major scale in bass clef. The scale consists of the notes F#, G#, A#, B, C#, D#, E, F#. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

Gb major

Musical notation for the Gb major scale in bass clef. The scale consists of the notes Gb, Ab, Bb, C, Db, Eb, F, Gb. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

G major

Musical notation for the G major scale in bass clef. The scale consists of the notes G, A, B, C, D, E, F#, G. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

Ab major

Musical notation for the Ab major scale in bass clef. The scale consists of the notes Ab, Bb, C, Db, Eb, F, G, Ab. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

A major

Musical notation for the A major scale in bass clef. The scale consists of the notes A, B, C, D, E, F#, G, A. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

Bb major

Musical notation for the Bb major scale in bass clef. The scale consists of the notes Bb, C, D, Eb, F, G, Ab, Bb. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

B major

Musical notation for the B major scale in bass clef. The scale consists of the notes B, C#, D#, E, F#, G#, A, B. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

Cb major

Musical notation for the Cb major scale in bass clef. The scale consists of the notes Cb, Db, Eb, F, Gb, Ab, Bb, Cb. Fingerings are indicated by numbers 1-4 above the notes. The scale is written in a single line with a double bar line at the end.

2 • Natural minor scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves.

C natural minor

Musical notation for the C natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has two flats (Bb and Eb). The ascending line (left) starts on C (0) and goes up to G (0). The descending line (right) starts on G (1) and goes down to C (3). Fingerings are indicated by numbers 0, 1, 2, 3.

C# natural minor

Musical notation for the C# natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has three sharps (F#, C#, G#). The ascending line (left) starts on C# (1) and goes up to G# (1). The descending line (right) starts on G# (0) and goes down to C# (2). Fingerings are indicated by numbers 1, 2, 3, 4.

D natural minor

Musical notation for the D natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has one flat (Bb). The ascending line (left) starts on D (1) and goes up to A (0). The descending line (right) starts on A (0) and goes down to D (1). Fingerings are indicated by numbers 1, 0.

Eb natural minor

Musical notation for the Eb natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has three flats (Bb, Eb, Ab). The ascending line (left) starts on Eb (1) and goes up to Ab (1). The descending line (right) starts on Ab (4) and goes down to Eb (4). Fingerings are indicated by numbers 1, 4.

D# natural minor

Musical notation for the D# natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has three sharps (F#, C#, G#). The ascending line (left) starts on D# (1) and goes up to G# (1). The descending line (right) starts on G# (4) and goes down to D# (4). Fingerings are indicated by numbers 1, 4.

E natural minor

Musical notation for the E natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has one sharp (F#). The ascending line (left) starts on E (2) and goes up to B (0). The descending line (right) starts on B (1) and goes down to E (0). Fingerings are indicated by numbers 2, 0, 1, 4, 3, 4, 0.

F natural minor

Musical notation for the F natural minor scale. The scale is written in two staves: the first staff is in bass clef and the second in treble clef. The key signature has two flats (Bb and Eb). The ascending line (left) starts on F (1) and goes up to C (1). The descending line (right) starts on C (4) and goes down to F (4). Fingerings are indicated by numbers 1, 4.

F# natural minor

Bass clef musical notation for the F# natural minor scale. The key signature has two sharps (F# and C#). The scale is written in a single line with fingerings: 2, 1, 0, 1, 0, 2, 1, 2, 1, 2, 0, 4, 0, 4.

G natural minor

Bass clef musical notation for the G natural minor scale. The key signature has one flat (F). The scale is written in a single line with fingerings: 0, 0, 0, 1, 1, 1, 1, 4, 4, 4, 4, 4, 4, 4.

G# natural minor

Bass clef musical notation for the G# natural minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with fingerings: 1, 1, 1, 1, 1, 1, 2, 4, 4, 4, 4, 4, 4, 4.

Ab natural minor

Bass clef musical notation for the Ab natural minor scale. The key signature has four flats (F, C, G, D). The scale is written in a single line with fingerings: 1, 1, 1, 1, 1, 1, 2, 4, 4, 4, 4, 4, 4, 4.

A natural minor

Bass clef musical notation for the A natural minor scale. The key signature has no sharps or flats. The scale is written in a single line with fingerings: 1, 0, 0, 1, 2, 1, 2, 3, 2, 2, 0, 0, 0, 0. There are triplets indicated by a '3' below the notes at positions 5 and 9.

Bb natural minor

Bass clef musical notation for the Bb natural minor scale. The key signature has two flats (F, C). The scale is written in a single line with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4, 4, 4, 4, 4.

A# natural minor

Bass clef musical notation for the A# natural minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4, 4, 4, 4, 4.

B natural minor

Bass clef musical notation for the B natural minor scale. The key signature has two sharps (F#, C#). The scale is written in a single line with fingerings: 2, 0, 0, 1, 3, 1, 3, 4, 0, 0, 0, 0. There are triplets indicated by a '2' below the notes at positions 5 and 9.

3 • Harmonic minor scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves.

C harmonic minor

Two staves of musical notation for the C harmonic minor scale. The first staff is in bass clef and the second is in treble clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes C, D, E, F, G, A, B, A, G, F, E, D, C.

C# harmonic minor

Two staves of musical notation for the C# harmonic minor scale. The first staff is in bass clef and the second is in treble clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes C#, D#, E, F#, G#, A, B, A, G#, F#, E#, D#, C#.

D harmonic minor

One staff of musical notation for the D harmonic minor scale in bass clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes D, E, F, G, A, B, C#, B, A, G, F, E, D.

Eb harmonic minor

One staff of musical notation for the Eb harmonic minor scale in bass clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes Eb, F, G, Ab, Bb, C, Bb, Ab, G, F, Eb.

D# harmonic minor

One staff of musical notation for the D# harmonic minor scale in bass clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes D#, E, F#, G#, A, B, C#, B, A, G#, F#, D#.

E harmonic minor

One staff of musical notation for the E harmonic minor scale in bass clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes E, F, G, A, B, C, D, C, B, A, G, F, E.

F harmonic minor

One staff of musical notation for the F harmonic minor scale in bass clef. The scale is written in two octaves. Fingerings are indicated by numbers 0-4 above the notes. The scale consists of the notes F, G, Ab, Bb, C, Bb, Ab, G, F.

F# harmonic minor

Bass clef musical notation for the F# harmonic minor scale. The key signature has two sharps (F# and C#). The scale is written in a single line with the following fingerings: 1, 1, 1, 0, 2, 1, #, #, #, #, 2, 0, 4, 4, 4.

G harmonic minor

Bass clef musical notation for the G harmonic minor scale. The key signature has one flat (Bb). The scale is written in a single line with the following fingerings: 0, 0, 0, 0, 1, #, #, #, #, b, 4.

G# harmonic minor

Bass clef musical notation for the G# harmonic minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following fingerings: 1, 1, 1, 1, 1, #, #, #, #, #, 4, 4, 4, 4.

Ab harmonic minor

Bass clef musical notation for the Ab harmonic minor scale. The key signature has four flats (Bb, Eb, Ab, Db). The scale is written in a single line with the following fingerings: 1, 1, 1, 1, 1, #, #, #, #, b, 4, 4, 4, 4.

A harmonic minor

Bass clef musical notation for the A harmonic minor scale. The key signature has no sharps or flats. The scale is written in a single line with the following fingerings: 1, 0, 2, #, 4, 0, 1, 2, 1, #, 2, 3, #, 2, 2, 0, #, 4, 2.

Bb harmonic minor

Bass clef musical notation for the Bb harmonic minor scale. The key signature has two flats (Bb, Eb). The scale is written in a single line with the following fingerings: 1, 1, 3, #, 0, 1, 2, 1, #, #, #, b, 2, 4, #, #, 0, 4, 4.

A# harmonic minor

Bass clef musical notation for the A# harmonic minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following fingerings: 1, 1, 3, #, 0, 1, 2, 1, #, #, #, #, #, 2, 4, #, #, 0, 4, 4.

B harmonic minor

Bass clef musical notation for the B harmonic minor scale. The key signature has two sharps (F#, C#). The scale is written in a single line with the following fingerings: 2, 0, 3, #, 1, 1, 1, 1, #, #, #, #, 4, 4, #, #, #, 0.

4 • Melodic minor scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves.

C melodic minor

Two staves of musical notation for the C melodic minor scale. The first staff is in bass clef, showing the scale from C2 to C4 with fingerings 0, 0, 0, 1, 1, 1, 2, 1. The second staff is in treble clef, showing the scale from C4 to C5 with fingerings 2, 2, 4, 4, 0, 3.

C# melodic minor

Two staves of musical notation for the C# melodic minor scale. The first staff is in bass clef, showing the scale from C#2 to C#4 with fingerings 1, 1, 1, 1, 1, 1, 2, 1. The second staff is in treble clef, showing the scale from C#4 to C#5 with fingerings 2, 2, 2, 0, 4, 4, 4, 4.

D melodic minor

Two staves of musical notation for the D melodic minor scale. The first staff is in bass clef, showing the scale from D2 to D4 with fingerings 1, 0, 0, 0, 1, 1, 1, 1. The second staff is in treble clef, showing the scale from D4 to D5 with fingerings 1, 1, 1, 1, 1, 1, 1, 1.

Eb melodic minor

Two staves of musical notation for the Eb melodic minor scale. The first staff is in bass clef, showing the scale from Eb2 to Eb4 with fingerings 1, 1, 1, 1, 1, 1, 1, 1. The second staff is in treble clef, showing the scale from Eb4 to Eb5 with fingerings 1, 1, 1, 1, 1, 1, 1, 1.

D# melodic minor

Two staves of musical notation for the D# melodic minor scale. The first staff is in bass clef, showing the scale from D#2 to D#4 with fingerings 1, 1, 1, 1, 1, 1, 1, 1. The second staff is in treble clef, showing the scale from D#4 to D#5 with fingerings 1, 1, 1, 1, 1, 1, 1, 1.

E melodic minor

Two staves of musical notation for the E melodic minor scale. The first staff is in bass clef, showing the scale from E2 to E4 with fingerings 2, 0, 1, 1, 1, 1, 1, 1. The second staff is in treble clef, showing the scale from E4 to E5 with fingerings 1, 1, 1, 1, 1, 1, 1, 1.

F melodic minor

Two staves of musical notation for the F melodic minor scale. The first staff is in bass clef, showing the scale from F2 to F4 with fingerings 1, 1, 1, 1, 1, 1, 1, 1. The second staff is in treble clef, showing the scale from F4 to F5 with fingerings 1, 1, 1, 1, 1, 1, 1, 1.

F# melodic minor

Bass clef musical notation for the F# melodic minor scale. The key signature has two sharps (F# and C#). The scale is written in a single line with the following notes and fingerings: F# (1), G (1), A (1), B (1), C (0), D (2), E (2), F# (1), G# (1), A (1), B (2), C (0), D (4), E (4), F (4), G (4).

G melodic minor

Bass clef musical notation for the G melodic minor scale. The key signature has one flat (F). The scale is written in a single line with the following notes and fingerings: G (0), A (0), B (0), C (0), D (0), E (0), F (0), G (1), A (1), B (1), C (1), D (4), E (4), F (4), G (4).

G# melodic minor

Bass clef musical notation for the G# melodic minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following notes and fingerings: G# (1), A (1), B (1), C (1), D (1), E (1), F (1), G# (1), A# (3), B (4), C# (2), D (4), E (4), F (4), G (4).

Ab melodic minor

Bass clef musical notation for the Ab melodic minor scale. The key signature has four flats (F, C, G, D). The scale is written in a single line with the following notes and fingerings: Ab (1), Bb (1), C (1), D (1), Eb (1), F (1), G (1), Ab (1), Bb (3), C (4), Db (2), Eb (4), F (4), G (4), Ab (4).

A melodic minor

Bass clef musical notation for the A melodic minor scale. The key signature has no sharps or flats. The scale is written in a single line with the following notes and fingerings: A (1), B (0), C (0), D (0), E (0), F (0), G (0), A (1), B (3), C (2), D (3), E (2), F (2), G (2), A (0), B (0), C (0), D (0).

Bb melodic minor

Bass clef musical notation for the Bb melodic minor scale. The key signature has two flats (F, C). The scale is written in a single line with the following notes and fingerings: Bb (1), C (1), D (1), Eb (1), F (1), G (1), Ab (1), Bb (1), C (1), D (1), Eb (1), F (4), G (4), Ab (4), Bb (4), C (4).

A# melodic minor

Bass clef musical notation for the A# melodic minor scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following notes and fingerings: A# (1), B (1), C (1), D (1), E (1), F (1), G (1), A# (1), B# (1), C# (1), D# (1), E (4), F (4), G (4), A (4).

B melodic minor

Bass clef musical notation for the B melodic minor scale. The key signature has two sharps (F#, C#). The scale is written in a single line with the following notes and fingerings: B (2), C (0), D (0), E (0), F (0), G (0), A (0), B (1), C (1), D (1), E (1), F (1), G (1), A (1), B (1), C (4), D (4), E (4), F (4), G (4).

5 • Dorian scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.
I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves.

C dorian

Musical notation for the C dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on C2 (bass clef) and ending on C3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 0, 0, 0, 0, 0, 2, 1, 1, 2, 1. The treble clef staff shows the descending scale with fingerings: 2, 2, 2, 4, 0, 0, 0, 0, 0, 0. The key signature has one flat (Bb).

C# dorian

Musical notation for the C# dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on C#2 (bass clef) and ending on C#3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 1, 1, 1, 1, 1, 1, 2, 1, 2, 1. The treble clef staff shows the descending scale with fingerings: 2, 2, 2, 4, 0, 0, 0, 0, 0, 0. The key signature has two sharps (F# and C#).

D \flat dorian

Musical notation for the D \flat dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on D \flat 2 (bass clef) and ending on D \flat 3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 1, 1, 1, 1, 1, 1, 2, 1, 2, 1. The treble clef staff shows the descending scale with fingerings: 2, 2, 2, 4, 4, 4, 4, 4, 4, 4. The key signature has three flats (Bb, Eb, and Ab).

D dorian

Musical notation for the D dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on D2 (bass clef) and ending on D3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 1, 0, 0, 0, 0, 0, 0, 0, 0, 0. The treble clef staff shows the descending scale with fingerings: 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The key signature has no sharps or flats.

E \flat dorian

Musical notation for the E \flat dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on E \flat 2 (bass clef) and ending on E \flat 3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4. The treble clef staff shows the descending scale with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4. The key signature has three flats (Bb, Eb, and Ab).

D# dorian

Musical notation for the D# dorian scale, spanning two staves (bass and treble clefs). The scale is written in a single octave, starting on D#2 (bass clef) and ending on D#3 (treble clef). The bass clef staff shows the ascending scale with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4. The treble clef staff shows the descending scale with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4. The key signature has two sharps (F# and C#).

E dorian

Bass clef musical notation for the E dorian scale. The key signature has one sharp (F#). The scale is written in a single line with the following fingerings: 2, 0, 0, 2, 1, 1, 1, 4, 2, 4, 0.

F dorian

Bass clef musical notation for the F dorian scale. The key signature has two flats (Bb, Eb). The scale is written in a single line with the following fingerings: 4, 0, 0, 1, 1, 1, 4, 4, 0.

F# dorian

Bass clef musical notation for the F# dorian scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following fingerings: 1, 1, 1, 0, 2, 1, 2, 0, 4, 4, 4.

G dorian

Bass clef musical notation for the G dorian scale. The key signature has two flats (Bb, Eb). The scale is written in a single line with the following fingerings: 0, 0, 0, 1, 1, 4.

G# dorian

Bass clef musical notation for the G# dorian scale. The key signature has four sharps (F#, C#, G#, D#). The scale is written in a single line with the following fingerings: 1, 1, 1, 1, 1, 2, 4, 4, 4, 4, 4.

Ab dorian

Bass clef musical notation for the Ab dorian scale. The key signature has four flats (Bb, Eb, Ab, Db). The scale is written in a single line with the following fingerings: 1, 1, 1, 1, 1, 2, 4, 4, 4, 4, 4.

A dorian

Bass clef musical notation for the A dorian scale. The key signature has three sharps (F#, C#, G#). The scale is written in a single line with the following fingerings: 1, 0, 0, 1, 3, 1, 2, 3, 3, 2, 0, 0.

Bb dorian

Bass clef musical notation for the Bb dorian scale. The key signature has two flats (Bb, Eb). The scale is written in a single line with the following fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4.

B dorian

Bass clef musical notation for the B dorian scale. The key signature has two sharps (F#, C#). The scale is written in a single line with the following fingerings: 2, 0, 0, 1, 1, 1, 3, 4, 0, 0.

6 • Phrygian scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves

(for notes in 4th and 5th position, the fingering 1-3 is also possible).

C phrygian

Musical notation for the C phrygian scale, spanning two octaves. The scale is written in bass clef (left) and treble clef (right). The key signature has three flats (Bb, Eb, Ab). The notes are: C2, Bb1, Ab1, G1, F1, E1, D1, C1, Bb0, Ab0, G0, F0, E0, D0, C0. Fingering numbers are provided above the notes.

C# phrygian

Musical notation for the C# phrygian scale, spanning two octaves. The scale is written in bass clef (left) and treble clef (right). The key signature has two sharps (F#, C#). The notes are: C2, B1, Ab1, G1, F1, E1, D1, C1, B0, Ab0, G0, F0, E0, D0, C0. Fingering numbers are provided above the notes.

D phrygian

Musical notation for the D phrygian scale, spanning two octaves. The scale is written in bass clef. The key signature has two flats (Bb, Eb). The notes are: D2, C2, Bb1, Ab1, G1, F1, E1, D1, C1, Bb0, Ab0, G0, F0, E0, D0. Fingering numbers are provided above the notes.

D# phrygian

Musical notation for the D# phrygian scale, spanning two octaves. The scale is written in bass clef. The key signature has three sharps (F#, C#, G#). The notes are: D2, C2, B1, Ab1, G1, F1, E1, D1, C1, B0, Ab0, G0, F0, E0, D0. Fingering numbers are provided above the notes.

Eb phrygian

Musical notation for the Eb phrygian scale, spanning two octaves. The scale is written in bass clef. The key signature has four flats (Bb, Eb, Ab, Db). The notes are: Eb2, D2, C2, Bb1, Ab1, G1, F1, Eb1, D1, C1, Bb0, Ab0, G0, F0, Eb0, D0. Fingering numbers are provided above the notes.

E phrygian

Musical notation for the E phrygian scale, spanning two octaves. The scale is written in bass clef. The key signature has no sharps or flats. The notes are: E2, D2, C2, B1, Ab1, G1, F1, E1, D1, C1, B0, Ab0, G0, F0, E0. Fingering numbers are provided above the notes.

F phrygian

Bass clef musical notation for the F phrygian scale. The key signature has three flats (Bb, Eb, Ab). The scale is written in eighth notes with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4.

E# phrygian

Bass clef musical notation for the E# phrygian scale. The key signature has four sharps (F#, C#, G#, D#). The scale is written in eighth notes with fingerings: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4.

F# phrygian

Bass clef musical notation for the F# phrygian scale. The key signature has two sharps (F#, C#). The scale is written in eighth notes with fingerings: 4, 0, 0, 3, 4, 0, 3, 1, 1, 2, 3, 3, 0, 4, 0, 0.

G phrygian

Bass clef musical notation for the G phrygian scale. The key signature has two flats (Bb, Eb). The scale is written in eighth notes with fingerings: 0, 0, 1, 1, 2, 1, 1, 2, 4, 2, 2, 3, 0, 0.

G# phrygian

Bass clef musical notation for the G# phrygian scale. The key signature has three sharps (F#, C#, G#). The scale is written in eighth notes with fingerings: 1, 1, 1, 2, 0, 1, 1, 2, 4, 4, 4, 0, 2, 4, 4.

A phrygian

Bass clef musical notation for the A phrygian scale. The key signature has one flat (Eb). The scale is written in eighth notes with fingerings: 1, 0, 0, 1, 2, 1, 2, 3, 2, 2, 2, 0, 0.

Bb phrygian

Bass clef musical notation for the Bb phrygian scale. The key signature has four flats (Bb, Eb, Ab, Db). The scale is written in eighth notes with fingerings: 1, 1, 1, 1, 1, 4, 4, 4, 4.

A# phrygian

Bass clef musical notation for the A# phrygian scale. The key signature has four sharps (F#, C#, G#, D#). The scale is written in eighth notes with fingerings: 1, 1, 1, 1, 1, 4, 4, 4, 4.

B phrygian

Bass clef musical notation for the B phrygian scale. The key signature has no sharps or flats. The scale is written in eighth notes with fingerings: 3, 0, 0, 1, 2, 1, 2, 4, 0, 0.

7 • Lydian Scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.
I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves
(for notes in 4th and 5th position, the fingering 1-3 is also possible).

C lydian

Musical notation for the C Lydian scale, shown in two systems. The first system uses a bass clef and a key signature of one sharp (F#). The second system uses a treble clef and a key signature of one sharp (F#). Fingerings are indicated by numbers 0, 1, 2, 3, 4 above the notes.

D \flat lydian

Musical notation for the D \flat Lydian scale, shown in two systems. The first system uses a bass clef and a key signature of three flats (B \flat , E \flat , A \flat). The second system uses a treble clef and a key signature of three flats (B \flat , E \flat , A \flat). Fingerings are indicated by numbers 0, 1, 2, 3, 4 above the notes.

D lydian

Musical notation for the D Lydian scale, shown in a single system using a bass clef and a key signature of two sharps (F#, C#). Fingerings are indicated by numbers 1, 2, 3, 4 above the notes.

E \flat lydian

Musical notation for the E \flat Lydian scale, shown in a single system using a bass clef and a key signature of one flat (B \flat). Fingerings are indicated by numbers 0, 1, 2, 3, 4 above the notes.

E lydian

Musical notation for the E Lydian scale, shown in a single system using a bass clef and a key signature of three sharps (F#, C#, G#). Fingerings are indicated by numbers 1, 2, 3, 4 above the notes.

F \flat lydian

Musical notation for the F \flat Lydian scale, shown in a single system using a bass clef and a key signature of four flats (B \flat , E \flat , A \flat , D \flat). Fingerings are indicated by numbers 1, 2, 3, 4 above the notes.

F lydian

Musical notation for the F Lydian scale, shown in a single system using a bass clef and a key signature of one flat (B \flat). Fingerings are indicated by numbers 0, 1, 2, 3, 4 above the notes.

G^b lydian

Bass clef musical notation for G^b Lydian scale. The key signature has three flats (B^b, E^b, A^b). The scale is: G^b (1), A^b, B^b, C^b, D^b, E^b, F^b, G^b. Fingering: 1, 1, 1, 1, 1, 1, 4, 4, 4, 4.

F[#] lydian

Bass clef musical notation for F[#] Lydian scale. The key signature has three sharps (F[#], C[#], G[#]). The scale is: F[#] (1), G[#], A[#], B[#], C[#], D[#], E[#], F[#]. Fingering: 1, 1, 1, 1, 1, 4, 4, 4, 4.

G lydian

Bass clef musical notation for G Lydian scale. The key signature has one sharp (F[#]). The scale is: G (0), A, B, C, D, E, F[#], G. Fingering: 0, 0, 0, 1, 1, 1, 4, 4, 4, 4.

A^b lydian

Bass clef musical notation for A^b Lydian scale. The key signature has two flats (B^b, E^b). The scale is: A^b (1), B^b, C^b, D^b, E^b, F^b, G^b, A^b. Fingering: 1, 1, 1, 1, 1, 4, 4, 4, 4. Includes fret numbers 0 and 2.

A lydian

Bass clef musical notation for A Lydian scale. The key signature has three sharps (F[#], C[#], G[#]). The scale is: A (1), B, C, D, E, F[#], G, A. Fingering: 1, 1, 1, 1, 1, 4, 4, 4, 4. Includes a bar line.

B^b lydian

Bass clef musical notation for B^b Lydian scale. The key signature has two flats (B^b, E^b). The scale is: B^b (2), C^b, D^b, E^b, F^b, G^b, A^b, B^b. Fingering: 2, 0, 0, 1, 1, 4, 2, 4, 4, 4. Includes a bar line.

B lydian

Bass clef musical notation for B Lydian scale. The key signature has four sharps (F[#], C[#], G[#], D[#]). The scale is: B (1), C, D, E, F[#], G, A, B. Fingering: 1, 1, 1, 1, 1, 4, 4, 4, 4. Includes a bar line.

C^b lydian

Bass clef musical notation for C^b Lydian scale. The key signature has four flats (B^b, E^b, A^b, D^b). The scale is: C^b (1), D^b, E^b, F^b, G^b, A^b, B^b, C^b. Fingering: 1, 1, 1, 1, 1, 4, 4, 4, 4. Includes a bar line.

8 • Mixolydian scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.

I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves

(for notes in 4th and 5th position, the fingering 1-3 is also possible).

C mixolydian

Musical notation for the C mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 0, 0, 0, 0, 1, 1, 3, 4, 3, 2, 1, 2, 3, 2, 1, 0.

D \flat mixolydian

Musical notation for the D \flat mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 3, 1, 2, 3, 3, 1, 2, 1, 1, 1, 0.

C \sharp mixolydian

Musical notation for the C \sharp mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 1, 1, 1, 1, 1, 3, 1, 2, 3, 3, 1, 2, 1, 1, 1, 0.

Musical notation for the D mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 2, 3, 4, 4, 4, 4, 4, 4, 4, 4, 3, 2, 3, 4, 4, 4, 0.

D mixolydian

Musical notation for the D mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 1, 0, 0, 0, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0.

E \flat mixolydian

Musical notation for the E \flat mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 2, 0, 1, 1, 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 0.

E mixolydian

Musical notation for the E mixolydian scale, spanning two octaves. The first staff is in bass clef, and the second is in treble clef. The scale is written in a single line with a double bar line in the middle. Fingering numbers are indicated above the notes: 1, 1, 0, 2, 1, 1, 4, 2, 4, 4, 4, 4, 4, 4, 0.

F mixolydian

Musical notation for the F mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 4, 0, 0, 0, 1, 1, 2. The notes are: F2, G2, A2, Bb2, C3, D3, Eb3, F3.

F# mixolydian

Musical notation for the F# mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 1, 1, 1, 1, 4, 4, 4. The notes are: F#2, G#2, A#2, B3, C#3, D#3, E#3, F#3.

Gb mixolydian

Musical notation for the Gb mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 1, 1, 1, 1, 4, 4, 4. The notes are: Gb2, Ab2, Bb2, C3, Db3, Eb3, Fb3, Gb3.

G mixolydian

Musical notation for the G mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 0, 0, 0, 1, 1, 4. The notes are: G2, A2, B2, C3, D3, E3, F3, G3.

Ab mixolydian

Musical notation for the Ab mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 1, 1, 1, 1, 4, 4, 4. The notes are: Ab2, Bb2, C3, Db3, Eb3, Fb3, Gb3, Ab3.

G# mixolydian

Musical notation for the G# mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 1, 1, 1, 1, 4, 4, 4. The notes are: G#2, A#2, B3, C#3, D#3, E#3, F#3, G#3.

A mixolydian

Musical notation for the A mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 0, 3, 0, 1, 3, 1, 3, 1, 3, 3. The notes are: A2, B2, C3, D3, E3, F3, G3, A3.

Bb mixolydian

Musical notation for the Bb mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 2, 0, 1, 1, 1, 4, 4, 4. The notes are: Bb2, C3, D3, Eb3, Fb3, Gb3, Ab3, Bb3.

B mixolydian

Musical notation for the B mixolydian scale in bass clef. The scale is written across eight measures. Fingering numbers are placed above the notes: 1, 1, 0, 1, 1, 3, 4, 0, 4, 4. The notes are: B2, C3, D3, E3, F3, G3, A3, B3.

9 • Locrian scales

up to the 7th position

Note: you can extend the scales up to 4 octaves.
 I suggest using the fingering 1-2-1-2-1-2-3 for higher octaves
 (for notes in 4th and 5th position, the fingering 1-3 is also possible).

C locrian

Musical notation for C locrian scale in bass clef, showing notes and fingerings (0, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1).

B# locrian

Musical notation for B# locrian scale in bass clef, showing notes and fingerings (0, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1, 2, 1).

Musical notation for C locrian scale in treble clef, showing notes and fingerings (2, 2, 2, 2, 2, 2, 3, 4, 3, 4, 3, 4, 3, 4, 3, 4, 3, 4).

C# locrian

Musical notation for C# locrian scale in bass clef, showing notes and fingerings (1, 1, 1, 2, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1).

Musical notation for C# locrian scale in treble clef, showing notes and fingerings (4, 4, 4, 0, 4, 0, 2, 4, 4, 4, 4, 4, 3, 4, 3, 4, 3, 4).

D locrian

Musical notation for D locrian scale in bass clef, showing notes and fingerings (1, 0, 0, 1, 1, 2, 4, 2, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1).

D# locrian

Musical notation for D# locrian scale in bass clef, showing notes and fingerings (1, 1, 1, 1, 3, 4, 1, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4).

E locrian

Musical notation for E locrian scale in bass clef, showing notes and fingerings (3, 0, 0, 0, 1, 3, 2, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0).

F locrian

Musical notation for the F locrian scale in bass clef. The scale is written in F major (one flat). The notes are F, G, A, Bb, C, D, Eb. Fingerings are indicated by numbers 1-4 above the notes.

E# locrian

Musical notation for the E# locrian scale in bass clef. The scale is written in E# major (three sharps). The notes are E#, F#, G#, A, B, C, D. Fingerings are indicated by numbers 1-4 above the notes.

F# locrian

Musical notation for the F# locrian scale in bass clef. The scale is written in F# major (two sharps). The notes are F#, G, A, B, C, D, E. Fingerings are indicated by numbers 1-4 above the notes.

G locrian

Musical notation for the G locrian scale in bass clef. The scale is written in G major (one sharp). The notes are G, A, B, C, D, E, F. Fingerings are indicated by numbers 1-4 above the notes.

G# locrian

Musical notation for the G# locrian scale in bass clef. The scale is written in G# major (two sharps). The notes are G#, A, B, C, D, E, F#. Fingerings are indicated by numbers 1-4 above the notes.

A locrian

Musical notation for the A locrian scale in bass clef. The scale is written in A major (no sharps or flats). The notes are A, B, C, D, E, F, G. Fingerings are indicated by numbers 1-4 above the notes.

A# locrian

Musical notation for the A# locrian scale in bass clef. The scale is written in A# major (three sharps). The notes are A#, B, C, D, E, F#, G#. Fingerings are indicated by numbers 1-4 above the notes.

Bb locrian

Musical notation for the Bb locrian scale in bass clef. The scale is written in Bb major (two flats). The notes are Bb, C, D, E, F, G, Ab. Fingerings are indicated by numbers 1-4 above the notes.

B locrian

Musical notation for the B locrian scale in bass clef. The scale is written in B major (two sharps). The notes are B, C, D, E, F#, G, A. Fingerings are indicated by numbers 1-4 above the notes.