

Trumpet Diatonics

Lesson One

Direct Motion: Descending

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JC Heisler

Major

0 2 12 0 1 12 13 0 0 0 12 0

C B A G F E D C C G E C

Solfege: do ti la sol fa mi re do do sol mi do

Scale Degrees: 1 7 6 5 4 3 2 1 1 5 3 1

Tonal Function: Tonic Leading Tone Sub Mediant Dominant Sub Dominant Mediant Super Tonic Tonic

Natural Minor

0 1 23 0 1 23 13 0 0 0 23 0

C Bb Ab G F Eb D C C G Eb C

do te le sol fa me re do do sol me do

1 7 6 5 4 3 2 1 1 5 3 1

Harmonic Minor

0 2 23 0 1 23 13 0 2 0 23 0

C B Ab G F Eb D C B G Eb C

do ti le sol fa me re do ti sol me do

1 ^7 6 5 4 3 2 1 ^7 5 3 1

Chromatic

0 2 1 12 23 0 2 1 12 23 13 123 0 0 12 2 23 0

C B Bb A Ab G Gb F E Eb D Db C C Bbb Gb Eb C

do ti te la le sol se fa mi me re ra do do ta se me do

0 11 10 9 8 7 6 5 4 3 2 1 0 0 9 6 3 0

Whole Tone

0 1 23 2 12 13 0 0 23 12 0

C A# G# F# E D C C G# E C

do li si fi mi re do do si mi do

0 10 8 6 4 2 0 0 8 4 0

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Lesson Two

Direct Motion: Ascending

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JC Heisler

Major 0 13 12 1 0 12 2 0 0 12 0 0

C D E F G A B C C E G C
do re mi fa sol la ti do do mi sol do
1 2 3 4 5 6 7 1 1 3 5 1

Solfege: do re mi fa sol la ti do do mi sol do
Scale Degrees: 1 2 3 4 5 6 7 1 1 3 5 1
Tonal Function: Tonic Super Tonic Mediant Sub Dominant Sub Mediant Leading Tonic

Natural Minor 0 13 23 1 0 23 1 0 0 23 0 0

C D Eb F G Ab Bb C C Eb G C
do re me fa sol le te do do me sol do
1 2 3 4 5 6 7 1 1 3 5 1

Harmonic Minor 0 13 23 1 0 23 2 0 0 23 0 2

C D Eb F G Ab B C C Eb G B
do re me fa sol le ti do do me sol ti
1 2 3 4 5 6 ^7 1 1 3 5 ^7

Melodic Minor 0 13 23 1 0 12 2 0 0 23 0 12

C D Eb F G A B C C Eb G A
do re me fa sol la ti do do me sol la
1 2 3 4 5 ^6 ^7 1 1 3 5 ^6

Chromatic 0 123 13 23 12 1 2 0 23 12 1 2 0 0 23 2 12 0

C C# D D# E F F# G G# A A# B C C Eb Gb Bbb C
do di re ri mi fa fi sol si la li ti do do me se ta do
0 1 2 3 4 5 6 7 8 9 10 11 0 0 3 6 9 0

Whole Tone 0 13 12 2 23 1 0 0 12 23 0

C D E F# G# A# C C E G# C
do re mi fi si li do do mi si do
0 2 4 6 8 10 0 0 4 8 0

Trumpet Diatonics

Lesson Three

Direct Motion: Descending & Ascending

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JC Heisler

Major 0 2 12 0 1 12 13 0 13 12 1 0 12 2 0

C B A G F E D C D E F G A B C

0 0 12 0 12 0 0

C G E C E G C

Natural
Minor 0 1 23 0 1 23 13 0 13 23 1 0 23 1 0

C B \flat A \flat G F E \flat D C D E \flat F G A \flat B \flat C

0 0 23 0 23 0 0

C G E \flat C E \flat G C

Harmonic
Minor 0 2 23 0 1 23 13 0 13 23 1 0 23 2 0

C B A \flat G F E \flat D C D E \flat F G A \flat B C

2 0 23 0 23 0 2

B G E \flat C E \flat G B

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 Lesson Three: Descending & Ascending

*Melodic
Minor*

0 1 23 0 1 23 13 0 13 23 1 0 12 2 0

C Bb Ab G F Eb D C D Eb F G A B C

12 0 23 0 23 0 12

A G Eb C Eb G A

Chromatic

0 2 1 12 23 0 2 1 12 23 13 123

C B Bb A Ab G Gb F E Eb D Db

0 123 13 23 12 1 2 0 23 12 1 2 0

C C# D D# E F F# G G# A A# B C

0 12 2 23 0 23 2 12 0

C Bbb Gb Eb C Eb Gb Bbb C

Whole Tone

0 1 23 2 12 13 0 13 12 2 23 1 0

C A# G# F# E D C D E F# G# A# C

0 23 12 0 12 23 0

C G# E C E G# C

Trumpet Diatonics

Lesson Four

Direct Motion: Ascending & Descending

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JC Heisler

Major 0 13 12 1 0 12 2 0 2 12 0 1 12 13 0

C D E F G A B C B A G F E D C

Detailed description: A musical staff in treble clef with a key signature of one sharp (F#). The notes are C, D, E, F, G, A, B, C, B, A, G, F, E, D, C. Fingerings are indicated by numbers 0-3 above the notes.

0 12 0 0 0 12 0

C E G C G E C

Detailed description: A musical staff in treble clef with a key signature of one sharp (F#). The notes are C, E, G, C, G, E, C. Fingerings are indicated by numbers 0-3 above the notes.

Natural
Minor 0 13 23 1 0 23 1 0 1 23 0 1 23 13 0

C D Eb F G Ab Bb C Bb Ab G F Eb D C

Detailed description: A musical staff in treble clef with a key signature of two flats (Bb, Eb). The notes are C, D, Eb, F, G, Ab, Bb, C, Bb, Ab, G, F, Eb, D, C. Fingerings are indicated by numbers 0-3 above the notes.

0 23 0 0 0 23 0

C Eb G C G Eb C

Detailed description: A musical staff in treble clef with a key signature of two flats (Bb, Eb). The notes are C, Eb, G, C, G, Eb, C. Fingerings are indicated by numbers 0-3 above the notes.

Harmonic
Minor 0 13 23 1 0 23 2 0 2 23 0 1 23 13 0

C D Eb F G Ab B C B Ab G F Eb D C

Detailed description: A musical staff in treble clef with a key signature of two flats (Bb, Eb). The notes are C, D, Eb, F, G, Ab, B, C, B, Ab, G, F, Eb, D, C. Fingerings are indicated by numbers 0-3 above the notes.

0 23 0 2 0 23 0

C Eb G B G Eb C

Detailed description: A musical staff in treble clef with a key signature of two flats (Bb, Eb). The notes are C, Eb, G, B, G, Eb, C. Fingerings are indicated by numbers 0-3 above the notes.

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 Lesson Four: Ascending & Descending

*Melodic
Minor*

0 13 23 1 0 12 2 0 1 23 0 1 23 13 0

C D Eb F G A B C Bb Ab G F Eb D C

0 23 0 12 0 23 0

C Eb G A G Eb C

Chromatic

0 123 13 23 12 1 2 0 23 12 1 2

C C# D D# E F F# G G# A A# B

0 2 1 12 23 0 2 1 12 23 13 123 0

C B Bb A Ab G Gb F E Eb D Db C

0 23 2 12 0 12 2 23 0

C Eb Gb Bbb C Bbb Gb Eb C

Whole Tone

0 13 12 2 23 1 0 1 23 2 12 13 0

C D E F# G# A# C A# G# F# E D C

0 12 23 0 23 12 0

C E G# C G# E C

Trumpet Diatonics

Lesson Five

Oblique Motion: Descending & Ascending

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JC Heisler

Major 0 2 0 12 0 0 0 1 0 12 0 13 0 0

C B C A C G C F C E C D C C

Detailed description: This musical staff shows a descending oblique motion in the C major scale. The notes are C4, B3, C4, A3, C4, G3, C4, F3, C4, E3, C4, D3, C3, and C2. The fingering sequence is 0, 2, 0, 12, 0, 0, 0, 1, 0, 12, 0, 13, 0, 0.

0 13 0 12 0 1 0 0 0 12 0 2 0 0

C D C E C F C G C A C B C C

Detailed description: This musical staff shows an ascending oblique motion in the C major scale. The notes are C2, C3, D3, C4, E4, C5, F5, C6, G6, C7, A7, C8, B8, and C9. The fingering sequence is 0, 13, 0, 12, 0, 1, 0, 0, 0, 12, 0, 2, 0, 0.

0 0 0 12 0 0 0 12 0 0 0 0

C G C E C C C E C G C C

Detailed description: This musical staff shows a descending oblique motion in the C major scale. The notes are C4, G3, C4, E3, C3, C2, C1, E1, C1, G1, C1, and C0. The fingering sequence is 0, 0, 0, 12, 0, 0, 0, 12, 0, 0, 0, 0.

Natural
Minor 0 1 0 23 0 0 0 1 0 23 0 13 0 0

C Bb C Ab C G C F C Eb C D C C

Detailed description: This musical staff shows a descending oblique motion in the C natural minor scale. The notes are C4, Bb3, C4, Ab3, C4, G3, C4, F3, C4, Eb3, C4, D3, C3, and C2. The fingering sequence is 0, 1, 0, 23, 0, 0, 0, 1, 0, 23, 0, 13, 0, 0.

0 13 0 23 0 1 0 0 0 23 0 1 0 0

C D C Eb C F C G C Ab C Bb C C

Detailed description: This musical staff shows an ascending oblique motion in the C natural minor scale. The notes are C2, C3, D3, C4, Eb4, C5, F5, C6, G6, C7, Ab7, C8, Bb8, and C9. The fingering sequence is 0, 13, 0, 23, 0, 1, 0, 0, 0, 23, 0, 1, 0, 0.

0 0 0 23 0 0 0 23 0 0 0 0

C G C Eb C C C Eb C G C C

Detailed description: This musical staff shows a descending oblique motion in the C natural minor scale. The notes are C4, G3, C4, Eb3, C3, C2, C1, Eb1, C1, G1, C1, and C0. The fingering sequence is 0, 0, 0, 23, 0, 0, 0, 23, 0, 0, 0, 0.

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 Lesson Five: Oblique Descending & Ascending

Harmonic
Minor

0 2 0 23 0 0 0 1 0 23 0 13 0 0

C B C Ab C G C F C Eb C D C C

0 13 0 23 0 1 0 0 0 23 0 2 0 0

C D C Eb C F C G C Ab C B C C

2 0 2 23 2 0 0 23 0 0 0 2

B G B Eb B C C Eb C G C B

Melodic
Minor

0 1 0 23 0 0 0 1 0 23 0 13 0 0

C Bb C Ab C G C F C Eb C D C C

0 13 0 23 0 1 0 0 0 12 0 2 0 0

C D C Eb C F C G C A C B C C

12 0 12 23 12 0 0 23 0 0 0 12

A G A Eb A C C Eb C G C A

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 Lesson Five: Oblique Descending & Ascending

Chromatic

0 2 0 1 0 12 0 23 0 0 0 2 0 1 0 12 0 23 0 13 0 123 0 0

C B C B \flat C A C A \flat C G C G \flat C F C E C E \flat C D C D \flat C C

0 123 0 13 0 23 0 12 0 1 0 2 0 0 0 23 0 12 0 1 0 2 0 0

C C \sharp C D C D \sharp C E C F C F \sharp C G C G \sharp C A C A \sharp C B C C

0 12 0 2 0 23 0 0 0 23 0 2 0 12 0 0

C B $\flat\flat$ C G \flat C E \flat C C C E \flat C G \flat C B $\flat\flat$ C C

Whole Tone

0 1 0 23 0 2 0 12 0 13 0 0

C A \sharp C G \sharp C F \sharp C E C D C C

0 13 0 12 0 2 0 23 0 1 0 0

C D C E C F \sharp C G \sharp C A \sharp C C

0 23 0 12 0 0 0 12 0 23 0 0

C G \sharp C E C C C E C G \sharp C C

Trumpet Diatonics

Lesson Six

Contrary Motion: Descending & Ascending

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JC Heisler

Major 0 1 12 12 2 13 0 0

G F A E B D C C

A musical staff in treble clef showing a descending scale from G4 to C4. Fingerings are indicated above the notes: 0, 1, 12, 12, 2, 13, 0, 0. The notes are G, F, A, E, B, D, C, C.

0 12 1 2 12 0 13 1 0 0

G A F B E C D D C C

A musical staff in treble clef showing an ascending scale from G3 to G4. Fingerings are indicated above the notes: 0, 12, 1, 2, 12, 0, 13, 1, 0, 0. The notes are G, A, F, B, E, C, D, D, C, C.

0 12 0 0 12 0 0 0

G E C C E G C C

A musical staff in treble clef showing a descending scale from G4 to C4, followed by an ascending scale from C4 to G4. A double bar line is placed between the two scales. Fingerings are indicated above the notes: 0, 12, 0, 0, 12, 0, 0, 0. The notes are G, E, C, C, E, G, C, C.

*Natural
Minor*

0 1 23 23 1 13 0 0

G F Ab Eb Bb D C C

A musical staff in treble clef with a key signature of one flat (Bb). It shows a descending scale from G4 to C4. Fingerings are indicated above the notes: 0, 1, 23, 23, 1, 13, 0, 0. The notes are G, F, Ab, Eb, Bb, D, C, C.

0 23 1 1 23 0 13 1 0 0

G Ab F Bb Eb C D D C C

A musical staff in treble clef with a key signature of one flat (Bb). It shows an ascending scale from G3 to G4. Fingerings are indicated above the notes: 0, 23, 1, 1, 23, 0, 13, 1, 0, 0. The notes are G, Ab, F, Bb, Eb, C, D, D, C, C.

0 23 0 0 23 0 0 0

G Eb C C Eb G C C

A musical staff in treble clef with a key signature of one flat (Bb). It shows a descending scale from G4 to C4, followed by an ascending scale from C4 to G4. A double bar line is placed between the two scales. Fingerings are indicated above the notes: 0, 23, 0, 0, 23, 0, 0, 0. The notes are G, Eb, C, C, Eb, G, C, C.

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 Lesson Six: Contrary Descending & Ascending

*Harmonic
Minor*

0 1 23 23 2 13 0 0

G F Ab Eb B D C C

0 23 1 2 23 0 13 1 0 0

G Ab F B Eb C D D C C

0 23 2 0 23 0 0 2

G Eb B C Eb G C B

*Melodic
Minor*

0 1 12 23 2 13 0 0

G F A Eb B D C C

0 12 1 2 23 0 13 1 0 0

G A F B Eb C D D C C

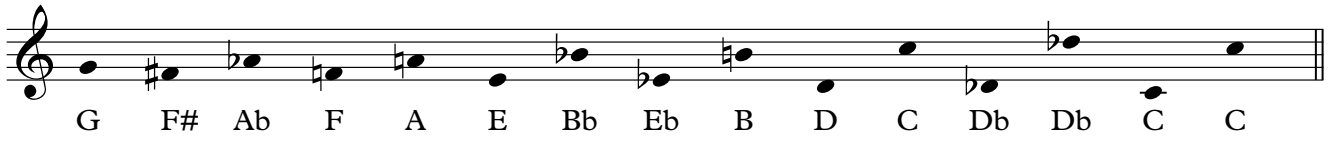
0 23 12 0 23 0 0 12

G Eb A C Eb G C A

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 Lesson Six: Contrary Descending & Ascending

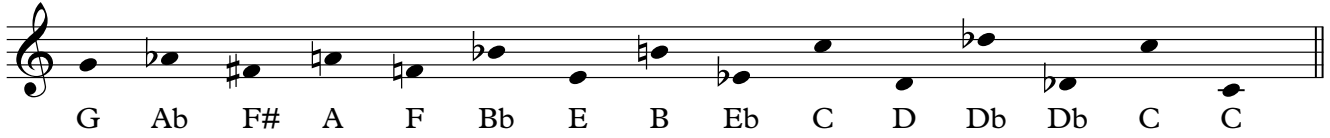
Chromatic

0 2 23 1 12 12 1 23 2 13 0 123 12 0 0



G F# Ab F A E Bb Eb B D C Db Db C C

0 23 2 12 1 1 12 2 23 0 13 12 123 0 0



G Ab F# A F Bb E B Eb C D Db Db C C

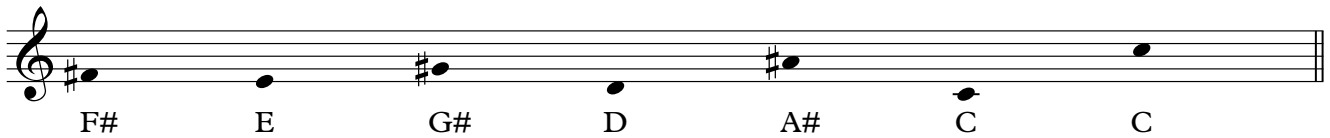
2 12 23 0 0 2 23 12 0 0



Gb Bbb Eb C C Gb Eb Bbb C C

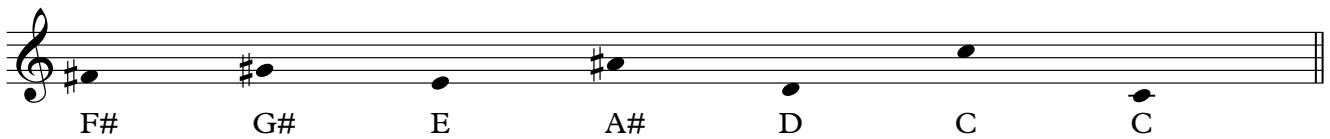
Whole Tone

2 12 23 13 1 0 0



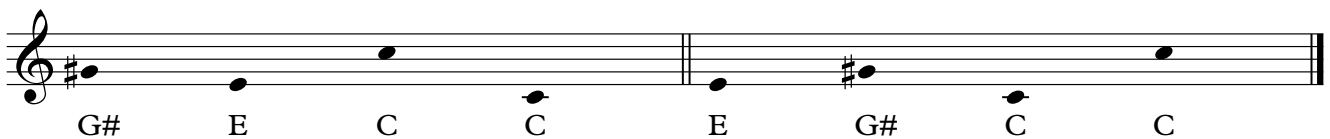
F# E G# D A# C C

2 23 12 1 13 0 0



F# G# E A# D C C

23 12 0 0 12 23 0 0



G# E C C E G# C C