# Double "Bass"ics: Guiding The **Beginning & Intermediate Player**

Servant Leadership

**Habits Institute, Summer 2023** Presented by: Jonathan Glawe

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# **Common Beginner Challenges**

#### **Poor instrument**

- thick neck
- high action
- poorly cut bridge
- terrible tone

#### **Posture**

- endpin height
- bass angle
- collapsed right hand
- raised right wrist

- right hand pain
- locked right hand fingers and wrist (levers not spiders)
  - o wiggle string before pulling to "ignite"
- flat left hand fingers
- sharp 1st finger
- poor shifts via squeezing, specifically with thumb

#### **Quick Resources For Posture Checks**

Jason Heath Article (Double Bass Blog)
String Technique Channel (Prof. Michael Hopkins)
Upright Standing Posture- thoughts from a physical therapist- VIEW VIDEO
Discoverdoublebass.com - <u>VIEW VIDEO</u> / <u>YOUTUBE CHANNEL</u>

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	Discoverdoublebass.com - <u>VIEW VIDEO</u> / <u>YOUTUBE CHANNEL</u>
ick	General Resources For Bass
	String Bass Online (Dr. Robin Kay Deverich)
	Bluegrass Bass Instruction (Bradley Laird)
	Zoltan's Bass Lounge
	Double Bass Blog Main Site (Jason Heath)

# **Standing With The Bass**

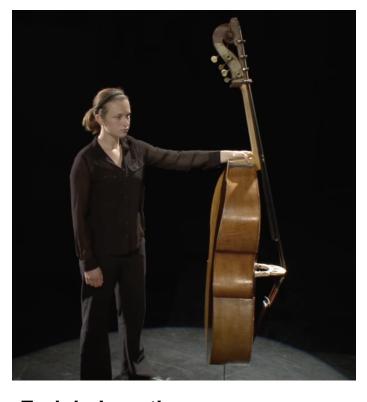
#### **Advantages of Standing**

- more natural posture for right arm
- body doesn't mute instrument
- more body freedom
- ability to find the exact right position for every register of the bass

- right arm power more readily available
- easier to use large muscle groups when playing (this can be done in seated positions as well-it just takes more initial work)

#### **Disadvantages of Standing**

- more difficult to balance instrument
- easy to put a lot of tension on the left hand thumb
- can cause problems with tension (from trying to balance the bass)
- shifting significantly harder at first
- moving between neck and thumb positions more difficult





# **Endpin Length**

**Similarities with Cello-** Instrument can cross the body slightly, on diagonal from left shoulder to right knee to make the reach easier for the bow arm. Endpin length should remain consistent for consistent intonation. Main concern: placement of the bow

**Differences with Cello-** Generally for fairly vertical instruments, the nut should be between the eyebrow and hairline. For taller players it may be a bit lower, and shorter players a bit higher.

**BOTTOM LINE-** Trust your eye! If a player's setup looks odd, it probably is.

# **Sitting With The Bass**

#### **Advantages of Sitting**

- less fatigue (who has to stand for hours at a time in rehearsal and performance?)
- easier for left hand to navigate bass

#### **Disadvantages of Sitting**

- easy to slouch or develop poor posture
- body may mute the instrument
- less available right hand power (certain techniques can negate this tendency)
- upper left bout more likely to interfere with playing
- one becomes addicted to a particular stool and may not be able to play well without it

bridging neck and thumb positions easier

- one can easily lose the ability to play standing when sitting exclusively
- have to carry a stool everywhere

shifting significantly easier

instrument more stable

#### Stool choice

- stool height (high/low/medium)
- stool rung arrangement (high/low)
- stool design (wooden/metal; padded/hard; drum throne)
- use of footstool (guitar foot stool, built-in footstool)
- endpin strap (<u>Xeros strap</u>, homemade strap)
- stool angle (flat/angled)













# **Common Body Setup Problems**

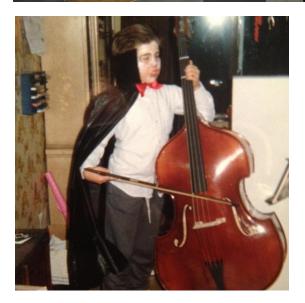






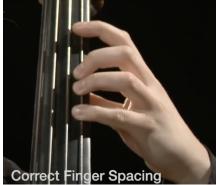


BEWARE OF ONE OF THESE ---->
JONATHAN GLAWE,
HALLOWEEN 4TH GRADE

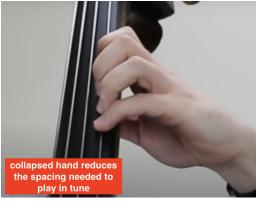


# **Left Hand Set Up**











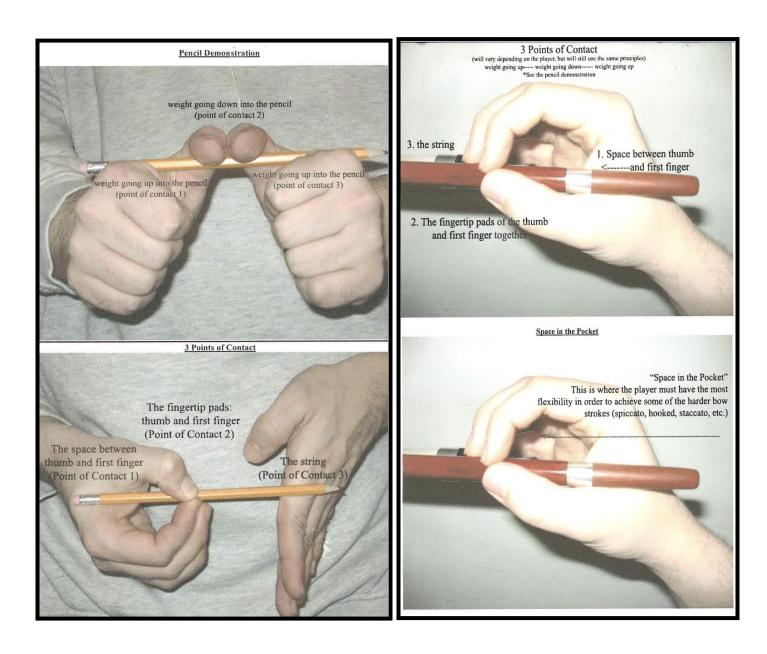






# Rosin

Pops	Pops rosin is easily the best selling and most popular bass rosin in the world. It comes in the unmistakable red plastic container and is consistently good, reliable rosin. It is popular because it often works just about everywhere.
	This rosin works and after you put it on, you're good almost for the whole session, if not the whole day. It tends to stay consistent on your bow. Cons: Be careful and don't over do it.
Nymans or Carlssons	Why did we put these two brands in the same box? Because they are the same exact recipe. The Carlsson has a nicer plastic canister with a snap on lid. (Like the Pops has.)
	These two rosins also do really well throughout the year and also reliable, popular rosins. They are not as soft as the Pops and there is less risk of hair glossing. Sometimes they can 'cool off' a bit after a break and might take a little more playing to get them going or a little more put on.
Kolstein Soft	It's good rosin. Just about everyone in the world get's cold, dry wintery weather at some point of the year and when your Pops or Carlsson/Nymans won't get it done, the Kolstein Soft will work. It's great to apply (on the stage) before you start playing. Don't use this in the summer and easy does it (even in winter) especially with new bow hair. When it is only 10% humidity and cold, this will work when no other rosin will.
Kolstein All Weather	Good Marketing! It's less soft than their "Soft". The All Weather stuff is just a harder rosin than Kolstein's Soft. So it is less risky to use in hotter, more humid climates. Not so great when it is cold and dry outside.



# FRENCH BOW SETUP - VIDEO



# **GERMAN BOW SETUP - VIDEO**



# Beginner Expectations (Years 1-2)

- 1-octave scales with superb LH shape (= delay ½ position or flat keys)
  - Major = D, C, G / A, Bb, F
  - Natural Minor = d, a, e, b, g, c
- Perform on A, D, and G strings with clear tone
  - 1/8, ¼, half, whole notes
  - Slurred string crossings
  - Harmonics
- Recognize and shift fluidly between ½, I, II, III positions
- Demonstrate resonant tones
  - As precise as a violinist and harder to hear (range and being on top of the instrument = press ear to neck)
  - Our advantage = resonance and sympathetic vibrations
- Tune using harmonics
- Sense of double bass community
  - Jaws, So Fresh & So Clean, Crazy Train

# Intermediate Expectations (Years 3-4)

- 1- and 2-octave scales with superb LH shape (= focus on ½ position, flat keys, and 3-notes per string)
  - 2-Octave Major = G, F / E (=3 fingered notes on D-string)
  - 1-Octave Major = C, D, A, Bb, Eb / Ab (= 3 fingered notes on certain strings)
  - 2-Octave natural minor = e, g
  - 1-Octave natural minor = a, d, c, b / f (= 3 fingered notes on certain strings)
- Perform in ½ position on all strings with good intonation and clear tone
- Recognize and shift fluidly between ½ VI positions
- Introductory rote understanding of **thumb position** and upper harmonics
- Ability to vibrate with a relaxed arm in a slow and wide motion
- Chamber music playing (=beautiful music for 2 stringed instruments)
- Performances in other mediums (=band, jazz, marching band, electric bass)

# **Intermediate Teaching Concepts**

- Vibrato
- Bigger Shifts
- Ability to create several fingering options (=playing "across" the instrument)
- Ability to play with good tone in ½ position and thumb position

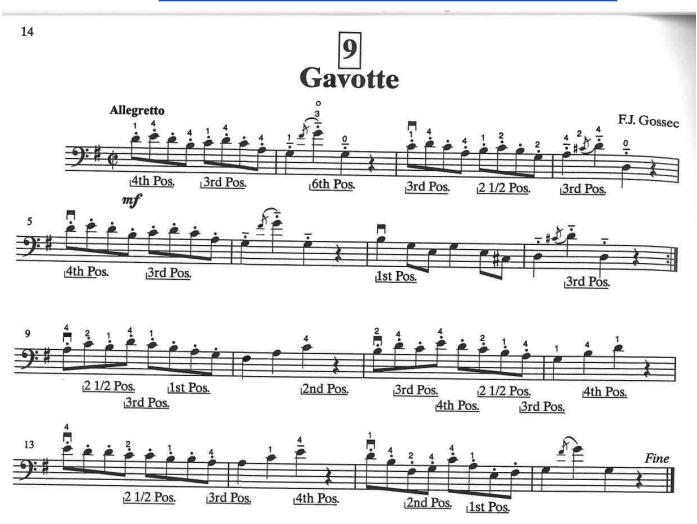
# By the time they leave for HS...

If I had to boil it down to two goals:

- 1. Tune quickly and accurately
- 2. Perform Gossec's *Gavotte* (from Vance book)It's all about the technique!!!



# Resource: <u>Double Bass For Band Directors</u>



# **Ensemble Norms With Bass**

- Make them a part of ensemble culture. They are not to be laughed at, or have the expectations lowered.
- They should tune with the ensemble.
- Every single rehearsal, find a way to provide meaningful feedback to your basses.
- Get your hands dirty. Go back there and model.
- Use language about the foundation of the ensemble, rhythmic integrity is a must for your basses.
  - Just play on down beats? Surprise! This means you subdivide more than ANYONE ELSE!

# Ratio of Basses (not an exact ratio, but worthy of thinking about..)

Consider using this chamber orchestra ratio.

For every 8 violins, 4 violas, 2 cellos, 1 bass.

16 violins, 8 violas, 4 cellos, 2 basses

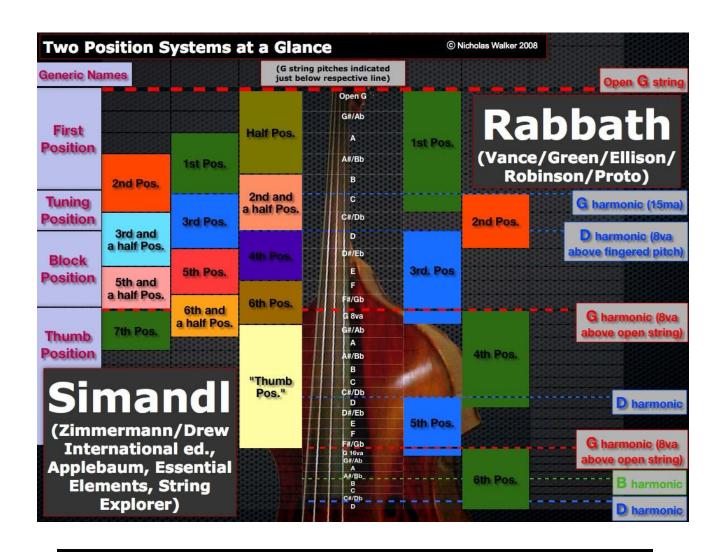
32 violins, 10-12 violas, 10-14 cellos, 4-5 basses

40 violins, 12-14 violas, 14-16 cellos, 6 basses

# **Storage of Basses**

It is hard to knock something down when it is already on the floor!

- Lie the bass on its side and close the endpin.
- Bow should be in the case. Bow if out of case, bow can rest between neck block and bridge, but not space efficient.
- Do not leave the bow on a music stand or put the bow in the F hole.
- Bass racks are great, but expensive to buy or build and accidents tend to be on a larger scale. Look for racks that prevent a domino effect of damage.
- Locker designs do NOT always work for the bass. Most damage comes from taking it in and out of this area. Oversized storage is best.
- Corner storage? As a last resort only





Progressive Repertoire for the Double Bass, books 1-3 (George Vance)

The Popular Bass Method, books 1-3 (Barry Green & Jeff Neighbor)

New Technique for Double Bass, vol. 1-4 (Francois Rabbath)



# **CLASSICAL STYLES SOLO BASS RESOURCES**

# Glawe's educational Faves

## Level One (approx. 1-2 years of playing)

Applebaum, S.-Beautiful Music to Learn by Rote-Bass, Bk.II (Any I)

- Anonymous-A Maypole Dance
- Bach, J.S.-Musette in D Major
- Biihm,G.-A Graceful Minuet
- Burgmuller,F.-The Grasshopper Dance
- Dussek,A.-Rondo
- Ehmant, A.-A Graceful Waltz
- Lemoine,H.-The Robins
- Mozart, W.-Sonatina In C

Applebaum, S.-String Festival Solos, Vol.I (any I)

- Beyer, F.-The Bass Fiddle Waltz
- Brian, A.-March of the Giants
- Dandrieu, J.-Gavotte in Rondo Form
- Elgar, E.-Theme from Pomp and Circumstance
- Handel, G.F.-Sarabande and Minuet
- Hassler, J.W.-A Stately Dance
- Kingman, P.-Two Jovial Dances
- Lichner, H.-Dance of the Wooden Soldiers
- Pleyel, J.-Menuet

Buchtel.F.-Home on the Range

Carroll, I.-Five Simple Pieces for Double Bass (Any I)

- Gigue
- Prelude
- Sarabande

Harris, F.-Dance of the Bears

Merle, J.-Mummers

Whistler, H.-Solos for Strings

Van Blon, F.-Nocturne

## Level Two (approx. 2-3 years of playing)

Applebaum, S.-Beautiful Music to Learn by Rote-Bass, Bk.II (Any I)

- Beethoven,L.-Minuet in G #
- Clementi, M.-A Joyful Mood

Galliard, J.-Allegro in G#

Schubert, F.-Menuet

Carroll, I.-Five Simple Pieces for Double Bass (Either I)

- Courante
- Gavotte

Chopin, F./Zimmermann, F.-Maiden's Wish Etling, F.-Solo Time for Strings-Bass, Bk.II

Etling, F.-The Brook #

Etling, F.-Solo Time for Strings-Bass, Bk.III (Any I)

- Bach, J.S.-March
- Haydn, J.-Haydn Melodies

Gossec, F./Isaac, M./Lewis, R.-Gavotte #

Lancen, S.-Berceuse for Baby Hippopotamus

Russell, A.-Jovian Sonatina (Mvt. I)

Scarmolin, A.-Introduction & Dance

Schlemuller.H./Price.S.-Menuet

Tuthill, B./Zimmerman, 0.-Six for Bass (Any 2)

Warren, D.-Mantis Dance

#### Level Three (3+ years of playing)

Dare, M.-Menuet

Dragonetti, D./Slatford, R.-Three Waltzes (Any 2) #

Giovannini, C./Slatford, R.-Sonata in a minor (Any 2 Myts.)

Gliere, R./Isaac, M.-Russian Sailors' Dance, Red Poppy

Gouinguene.C. -Hommage a Vivaldi

Hoag, C.-Carman's Whistle A Double Bass Solo Sampler

Hoag, C.-Rags, Boogies & Blues for Young Bassists (Any 2 Mvts.)

Isaac, M.-Jolly Dutchman #

Massenet, J./Zimmermann, F.-Melodie, Op.10

Merle.J.-Caballero #

Minkler, C.-A Gaelic Melody

Patachich, I.-Merry Tune (Works by Hungarian Composers - Montag, Vol.I)

Patachich, I.-Polka (Works by Hungarian Composers - Montag, Vol.I)

Turetzky, B.-Old Dances for Young Basses (Any 3)

Vance, G.-Repertoire for Double Bass Book I Lightly Row & Go Tell Aunt Rhody (p.16) #

Vanny, J.-Rural Dance (Works by Hungarian Composers - Montag, Vol.I) Weinstein, M./Zimmermann, F.-Contemporary Modal Solos (No.6 or 7)

#### Level Four (approx. 4+ years of playing)

Andersen, A.-Sonatina (Allegro or Rondo)

G Bach, J.S. / Zimmermann, F.-Gavotte

G Corelli, A./Zimmermann, F.-Sarabande #

Elliot, V.-Odd Man Out

Etling, F.-Solo Time for Strings-Bass, Bk.IV (Any 1)

- Bach, J.S.-Minuet
- Beethoven.L.-Minuetto
- Beriot, C.de-Air Varie
- Breval, J.-Sonatina
- Gluck, C.-Andante
- Pleyel,1.-Sonatina No.2

Giovannini, C./Slatford, R.-Sonata in F Major (Mvt.I)

Gouinguene, C.-Adagio

Hoag, C.-Chaconne A Double Bass Sampler

Hoag, C.-Variations on a Tune by John Blow #

G Marcello, B./Zimmermann, F.-Sonata in e minor (Mvts. 1&3) #

Patachich, I.-Tarantella (Works by Hungarian Composers - Montag, Vol. I)

Ratez, E.-Parade Russell, A.-Buffo Set (Any 2 Mvts.)

Simandl, F.-Larghetto

Turetzky, B.-Suite from the Eighteenth Century

Vance, G.-Repertoire for Double Bass Book II

• Bagatelle (p. 16)

Vance, G.-Repertoire for Double Bass Book III

- Song of the Volga Boatmen (p.10)
- Walton, J.-A Deep Song

Zimmerman, O.-Solos for the Double Bass Player

Beethoven, L.-Sonatina

Zimmermann, F.-Ayres and Dances for Double Bass

Hervelois.Lrl' -Tambourino

# Level Five (approx. 5+ years of playing)

Bach, J.S.-Fourth Cello Suite (Bourree Nos. 1&2 + Gigue) #

Bach, J.S.-Gigue, First Cello Suite #

Bartok, Bela, Romanian Folk Dances #

Boccherini, L./Drew, L.-Celebrated Minuet

Capuzzi, A./Buccarella, L.-Concerto in D Major (Mvts.1 or 3) #

Dragonetti, D.-Andante, Andante und Rondo

Dragonetti, D. Turetzky, B.-Six Waltzes for Double Bass Alone (Any exc. 3)

Etling, F.-Solo Time for Strings-Bass, Bk.IV

Handel, G.-Bourree #

Faure, G./Zimmermann, F.-Apres un Reve

Leach, J.-Suite for Unaccompanied Double Bass

Lully, J./Nanny, E.-Menuet, Bourgeois Gentilhomme

Marais, M./Drew, L.-Five Old French Dances (Mvts. 1&2 or 3&4)

Marcello, B.-Sonata in a minor (Mvts. 1&2) #

Marcello, B.-Sonata in e minor (Mvts. 1&2 or 3&4)

Marcello, B.-Sonata in F Major (Mvts. 1&4 or 2&3)

Marcello, B.-Sonata in g minor (Mvts.1&2)

Pierne.G/Drew.L -Piece in g minor

Ratez, E.-Arabesque

Ratez, E.-Novelette

Sterling, H.-Tambourin, Two 18th Century Pieces

Sydeman, W.-For Double Bass Alone

Vance, G.-Repertoire for Double Bass Book IV

- Tee-Paz (p. 7)
- Flow Gently Sweet Afton (p.9) #

Vivaldi, A.-Sonata No.3 in a minor (Mvts.3&4)

Zimmerman, O.-Solos for the Double Bass Player (Either 1)

- Handel,G.-Sonata in c minor (Mvts.1 &2)
- Russell, A.-Chaconne

#### Level Six (approx. 6+ years of playing)

Aitken, H.-Suite for Solo Bass

Albert/Adler-Concerto in D (Mvt.I)

Bach.J.S.-Bourree. Third Cello Suite

Bach, J.S.-Menuet, First Cello Suite

Bach, J.S./Drew, L.-Three Sonatas BWV 1027-1029

• (any 2 contr.mvts. from I sonata)

Boccherini, L./Drew, L.-Sonata No.2 in G Major (Any Mvt.) #

Bottesini, G./Slatford, R.-Complete Bottesini, Vol.I or II (Any Mvt.)

Bottesini, G.-Concerto (Any Mvt.)

Bottesini, G.-Elegy in D Major #

Bruch, M./Drew, L.-Kol Nidrei, Op.47

Cimador, G./Slatford, R.-Concerto in G Major for Double Bass (Mvt 1 or 3)

Dittersdorf, K./Slatford, R.-Concerto No.1 (Mvt.1 or 3) #

Dittersdorf, K./Slatford, R.-Concerto No.2 (Mvt. I or 3)

Dohnanyi. Ei/Drew. L. - Theme with Variations, Op. 8

Dragonetti, D.-Concerto in A Major (Mvt.I or 3) #

Dragonetti, D.-Grande Allegro (First Allegro & Allegro Vivace)

Dragonetti, D.-Rondo, Adagio & Rondo in C Major

Dragonetti, D.-Rondo, Andante & Rondo

Eccles, H.-Sonata in g minor (Mvts. 1&2)

Faure, G./Drew, L.-Romance in A Major, Op.69

Galliard, J./Zimmermann, F.-Sonata in F Major (Mvts. 1&2)

Gliere, R.-Four Pieces for String Bass (Any 1)

Goens, D. van/Drew, L.-Scherzo#

WBRO Hall, J.-Statements & Variants for Unaccompanied Double Bass

Handel, G.-Concerto in g minor (Mvts. 1&2)

Handel, G.-Sonata in g minor (Mvts.1,2,4-AII)

Koussevitzky, S./Zimmerrnann, F.-Chanson Triste, Op.2 #

Koussevitzky, S.-Konzert, Op.3 (Mvt.I or 3) #

Nielsen, C./Drew, L.-Fantasy Pieces, Op.2

Proto, F.-Sonata 1963 (Mvt.I) #

Simandl, F./Zimmermann, F.-Concert Study in e minor, Op.66

Vivaldi, A./Sankey, S.-Sonata in d minor, Op.2, No.3 (Mvts.1&2) #

Vivaldi, A.-Sonata No.3 in a minor (Mvts.1&2)

Vivaldi, A.-Sonata No.4 in B' (Mvts. 1&2)

Vivaldi, A.-Sonata No.6 in B' Major (Mvts.1&2)

Walker, Nicholas, Chorale, 2013

Weber, C. von/Sankey, S.-Adagio and Rondo

Zimmerman, O.-Solos for the Double Bass Player

• Andrieu.Llx-Prelude & Allegro

# ALL STYLES SOLO BASS RESOURCES

Improvisation Level: Please note that the improvisation levels refer to the skills needed to perform an improvised solo within the piece. The scale(s) required for a particular improvisation level correspond with the grade headings.

Level 1: One scale works on all chords.

Level 2: Two closely related scales are needed. Chord tracking is easy.

Level 3: Three scales are needed. Chord tracking is of medium difficulty.

Level 4: Chord blocks such ii-V-Is appear in various keys.

Level 5: Knowledge of individual chord scale relationships necessary.

#### **SOLO BASS Grade 1**

Todd Phillips Essential Techniques for Acoustic Bass Lesson One Homespun Tapes

A DVD with Todd Phillips teaching the musical foundation for acoustic bass playing in all styles, with rhythm exercises, major scales and chords in both open and closed positions.

Schatz, Mark Bluegrass Bass Lesson 1 Homespun Tapes

On this DVD, Schatz demonstrates basic patterns and scales, fingerings, passing notes, chord progressions, walking lines, arpeggios and other important techniques needed to play most songs and instrumentals in the bluegrass repertory.

Sher. Chuck Foundation Exercises for Bass Sher Music

Divided into 33 lessons, the book progresses from elementary to intermediate lessons on each topic including reading music, organizing notes into scales, basic ear training exercises, bass grooves and practicing improvisation.

### **SOLO BASS Grade 2**

Todd Phillips Essential Techniques for Acoustic Bass, Lesson Two Homespun Tapes

A DVD with bassist Todd Phillips teaching the musical foundation for acoustic bass playing in all styles, with rhythm exercises, minor scales, leading tones, a variety of time signatures and more complex chord changes.

Schatz, Mark Bluegrass Bass: Lesson Two Homespun Tapes

A 60-minute DVD teaching intermediate bluegrass bass repertoire including formation of walking bass lines using chromatic scales, "slap" bass, syncopations, hammer-ons, pull-offs and more.

Sher, Chuck Foundation Exercises for Bass Sher Music

Divided into 33 lessons, the book progresses from elementary to intermediate lessons on each topic including reading music, organizing notes into scales, basic ear training exercises, bass grooves and practicing improvisation.

Sorenson, Dean Standard of Excellence Jazz Combo Sessions-bass Kjos Music Company

A collection of jazz compositions that can be played in a wide variety of 'combo' settings, solo or with a combination of instruments, including both wind and string players. Comes with an accompaniment CD with tunes as well as play along sections.

Wasserman, Rob &

Grisman, David Acoustic Bass Homespun Tapes

Wasserman teaches several acoustic bass styles and covers the basics—holding the bass, hand positions, picking technique, tuning, scale exercises—then moves on to improvisation, back-ups, runs, chords, more. Includes a music book and Six CDs.

Zisman, Michael, ed. The Real Easy Book, - Vol. 1 Tunes for Beginning Improvisers Bass Clef Sher Music Easy, but classic jazz tunes give the beginning improviser a good start in learning the jazz repertoire. Sample piano voicings, guitar chord diagrams, sample bass lines and useful scales for improvisation are included with each tune, for easy reference. Level 1, 2 and 3 improvisation

#### **SOLO BASS Grade 3**

Cimorosi, Tony World Beat Grooves for Bass Hal Leonard

This is a fun book including some traditional Latin styles, but also lines from Africa and the Caribbean islands. Comes with a CD.

Dabczynski, Andrew &

Bob Phillips (arr.) Fiddler's Philharmonic and Encore(bass) Alfred

Fiddle tunes arranged for string orchestra or solo. Various lines accommodate beginner and intermediate players. Collection of 16 tunes

Duncan, Craig [arr] American Fiddle Tunes for Solo and Ensemble Mel Bay

16 traditional fiddling tunes arranged in a theme and variation format. Accommodates various combinations from solo instrument with piano to duets and trios to full string quartet/orchestra. Includes parts for bass melody (solo), and bass harmony. Can be played as solo books with piano accompaniment as an ensemble.

Duncan, Craig [arr] Celtic Fiddle Tunes for Solo and Ensemble, Bass Mel Bay

14 arrangements of 22 traditional tunes from Ireland. Accommodates various combinations from solo instrument with piano to duets and trios to full string quartet/orchestra. Includes parts for bass melody (solo), and bass harmony. Can be played as solo books with piano accompaniment or ensemble.

Houghton, Steve, &

Warrington, Tom. Essential Styles for the Drummer and Bassist (vol 1 and 2) Alfred

Contains written examples with accompanying recording for 50 jazz, Latin and commercial styles. Each example includes a brief commentary by the authors. Comes with CD

Peacock, Gary The Acoustic Bass, Musicianship and

Improvisational Techniques Homespun Tapes

Jazz master Peacock teaches three important aspects of playing -physical, mental and intuitive - which together form the complete process of creating jazz on the bass. Includes booklet and 75-minute DVD.

Sher, Chuck. The Improviser's Bass Method Sher Music

Manual for improvising and accompanying jazz improvisers on the bass.

Sher, Chuck & Marc Johnson Concepts for Bass Soloing Sher Music

Transcriptions of bass solos by jazz bass greats, exercises on using modes to solo, note choices for chords and typical jazz licks. Includes 2 CDs of Marc Johnson soloing on each exercise

Slutsky, Allan &

Silverman, Chuck The Funkmaster, the Great James Brown

Rhythm Sections 1960-1973 Alfred

This book contains complete rhythm section transcriptions for 23 of Brown's finest tunes. Each bass-line transcription is accompanied by an explanation and anecdotes about the rhythmic or harmonic choices made by the recorded bass player. An invaluable book. Comes with a CD.

Sorenson, Dean Standard of Excellence Jazz Combo Sessions-bass Kjos Music Company

A collection of jazz compositions that can be played in a wide variety of 'combo' settings, solo or with a combination of instruments, including both wind and string players. Comes with an accompaniment CD with tunes as well as play along sections.

Stagnaro, Oscar and Chuck Sher The Latin Bass Book: A Practical Guide Sher Music

Comprehensive book on how to play bass in authentic Afro-Cuban, Brazilian, Caribbean, Latin Jazz & South American styles. With a comprehensive study of jazz harmony and theory and transcriptions of Oscar Stagnaro playing each exercise. Includes 3 Play-Along CDs to accompany each exercise.

Zisman, Michael, ed. The Real Easy Book, - Vol. 1 Tunes for Beginning Improvisers Bass Clef Sher Music Easy, but classic jazz tunes give the beginning improviser a good start in learning the jazz repertoire. Sample piano voicings, guitar chord diagrams, sample bass lines and useful scales for improvisation are included with each tune, for easy reference. Level 1, 2 and 3 improvisation

Zisman, Michael, ed The Real Easy Book - Vol. 2, Tunes For Intermediate Improviser's "Bass Clef" Sher Music Intermediate level classic jazz tunes for intermediate improvisers through advanced. Includes scales for soloing, chord voicings, guitar diagrams and bass lines. Level 2, 3 and 4 improvisation

# **SOLO BASS Grade 4**

Sher, Chuck & Marc Johnson Concepts for Bass Soloing Sher Music

Transcriptions of bass solos by jazz bass greats, exercises on using modes to solo, note choices for chords and typical jazz licks. Includes 2 CDs of Marc Johnson soloing on each exercise

Stagnaro, Oscar and Chuck Sher The Latin Bass Book: A Practical Guide Sher Mus

Comprehensive book on how to play bass in authentic Afro-Cuban, Brazilian, Caribbean, Latin Jazz & South American styles. With a comprehensive study of jazz harmony and theory and transcriptions of Oscar Stagnaro playing each exercise. Includes 3 Play-Along CDs to accompany each exercise.

Zisman, Michael, ed The Real Easy Book - Vol. 2, Tunes For Intermediate Improvisers "Bass Clef" Sher Music Intermediate level classic jazz tunes for intermediate improvisers through advanced. Includes scales for soloing, chord voicings, guitar diagrams and bass lines. Level 2, 3 and 4 improvisation

# **Digital**

Gabriel, Edgar String Groove App for iPad

iTunes

The book and CD "Ideas For Improvising" is presented in an App for iPad. Materials such as Call and Response, videos and other interactive teachings that are not possible with the book and CD are added. The app works for all strings the user can choose their clef. Each chapter has an advanced section for the advanced student or professional at levels 3-5.

Harmon, Jody Variations Project Jody Harmon

Contemporary arrangements of public domain tunes used in Suzuki Repertoire, published digitally as "albums". Each digital album contains: Recording of tune and sample improvised variation; Recording of accompaniment of tune, so students can use it to create their own variations; PDF sheet music for violin, viola, and cello; PDF theory worksheets used to help create variations for each tune. More tunes and worksheets are added regularly. Download only.

Harmon, Jody

http://stringimprov.bandcamp.com

Howes, Christian Arpeggios for Jazz Violin, Cello and Viola Christian Howes

Arpeggio worksheets allow users to practice all types of 7<sup>th</sup> chords, allowing the expansion of jazz vocabulary and improvisation in a comfortable manner. Available for download

Lieberman, Julie Lyonn Strings Central App iTunes Julie Lyonn Lieberman

Tips, resources, video, audio and string company links covering tuning, equipment, accessories, technique and musical skills. American and world styles, electrics and more. Coordinated with StringsCentral playlists on YouTube.

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