

JMU MARCHING ROYAL DUKES FRONT ENSEMBLE



OVERVIEW

Thank you for your interest in the 2024 JMU Marching Royal Dukes front ensemble percussion section. Our goal as a staff is to create a positive and fun experience as well as give you a well-rounded education in the world of marching percussion. The exercises in this packet will be used throughout the audition process, with an added marching component on the live audition day.

APPROACH

It is important to note that our philosophies are not the right OR wrong way of approaching marching percussion, it is just how we approach it here in the MRDs. In general terms when auditioning, it is important to make sure you are comfortable behind the instrument, play in a natural and relaxed manner to achieve a full sound, and most importantly, have fun!

Please email Shelby Shelton at Shelt3sn@dukes.jmu.edu for any questions regarding this packet and/or auditions.

TECHNIQUE

The technique concepts that we implement are of our combined experience as both performers and educators. There are many different techniques throughout the world of percussion, and it is most important that you find a technique that is healthy/maintainable and more importantly achieves the sound you're looking to produce as an artist.

POSTURE

Perception is reality. A confident posture not only creates an idea about your music before you play a note, but also promotes genuine confidence within the musician. The performer should stand behind their instrument in a strong, yet relaxed manner. The idea is to be comfortable and assertive. Here are some things to remember when standing behind the instrument:

Posture Checklist	
<input checked="" type="checkbox"/>	Stand as tall as possible with feet flat on the floor shoulder width apart.
<input checked="" type="checkbox"/>	Shoulders back, chest out and relaxed.
<input checked="" type="checkbox"/>	Arms resting relaxed at the side.

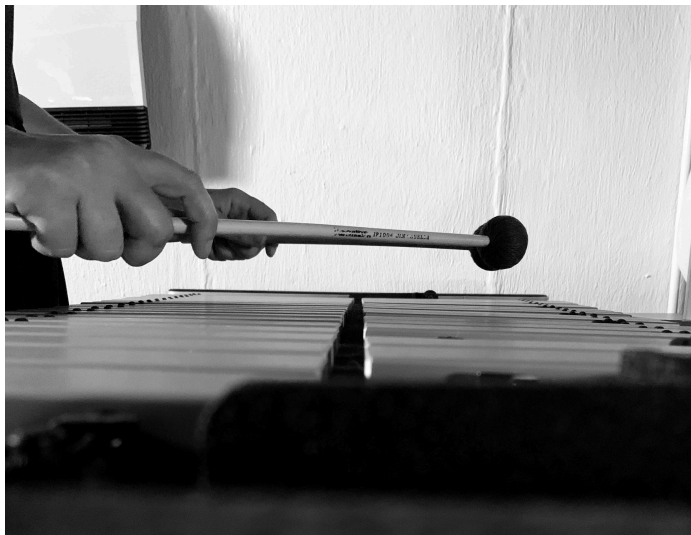


TWO MALLET TECHNIQUE

Start with one mallet and divide the shaft into thirds. Your hand will be entirely in the back third of the mallet. Place the mallet between your pointer finger and thumb, forming a “Capital T” with the mallet in between. Back fingers then wrap around the mallet with about ½ of an inch sticking out (about the size of a paperclip.) Although we placed our pointer finger and thumb on the mallet first, they will not be gripping the mallet or exerting any pressure onto the shaft, they are merely guiding forces that help you play the correct notes.

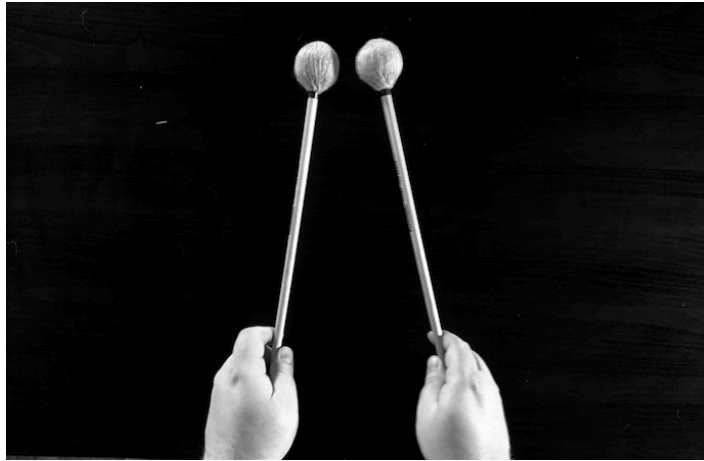


There should be no tension in the hands and it is important to remain relaxed. Make sure there is some space between your pointer and middle finger, as well as between the middle finger and ring finger. The hands then come down to the playing position, resting about an inch off the bar. You'll know you're at one inch when the mallet shafts are parallel with the bars creating no angle for height.

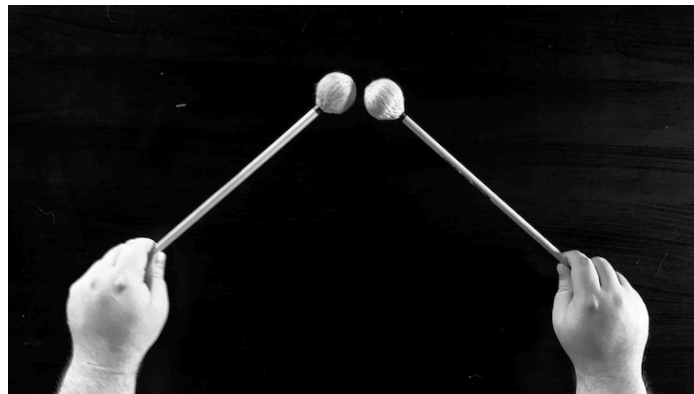


Wrists should be at your side creating a triangle with the mallets

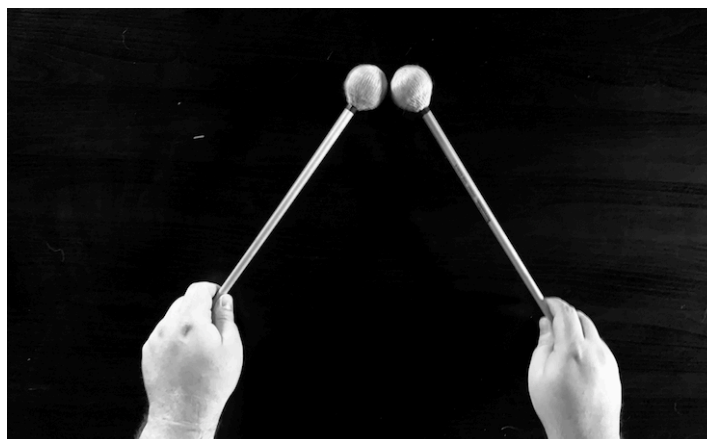
This angle is too small.



This angle is too wide.



This angle is just right!



Now let's adjust your wrist angle. Start with the pointer fingers pointing at the ground, and then turn them slightly inward. This should create a natural playing position and allow the optimal range of motion for the wrist.

If you're unsure if your angle is correct try this silly trick. Imagine there are faces on your thumbnails. If these faces are looking right at each other, your hand is too flat. If the faces are looking at the ceiling they are too vertical (this is what we'll strive for when we play four mallets.) The faces should be right in the middle of too flat and too vertical.

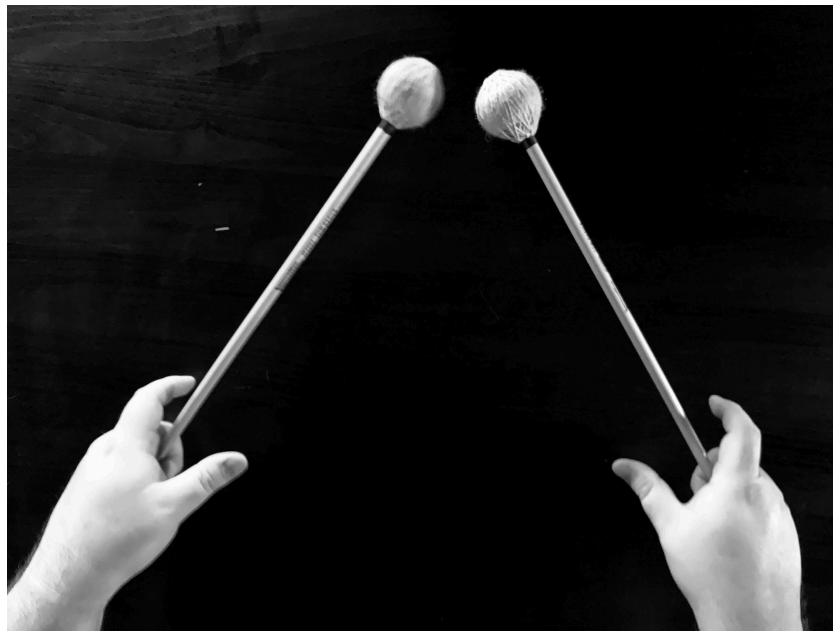


Too flat



Correct

At tempi below 190 bpm we will implement a technique known as “Rear Fulcrum” that helps project and give more power to each stroke. While this is definitely not the only technique it is one that creates a strong, resonant sound that is easy to unify between members of the ensemble. With more advanced performers we will adjust what parts of the hands are activated in order to achieve the sound needed by the music. The best way to introduce this concept is a technique called “Crab Claws”. Leave the back fingers attached and lift your thumb and pointer finger.

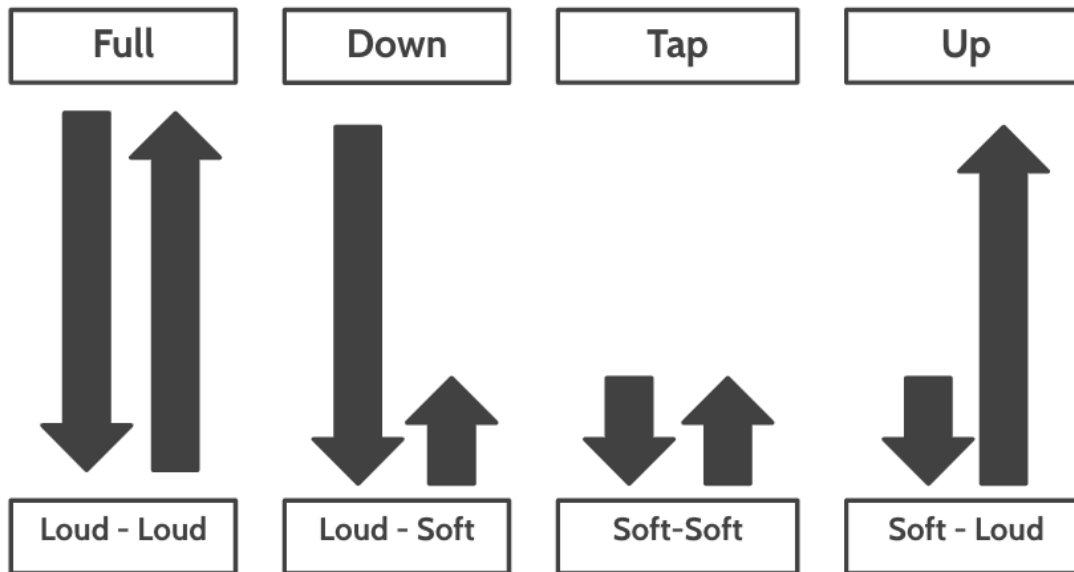


You can then play exactly as you would with the two fingers on, using a wrist-based stroke. The mallets might feel floppy or unsupported when your index fingers are off the shaft, this is fine. Play a few simple exercises, using only your back three or two fingers. After this is more comfortable, add the front two fingers back on the mallet and use them to help guide the mallet, they should rest gently on the shaft and stay attached but should not squeeze or move the mallet around.

Note: Before you add the front 2 fingers the mallet will “wobble” around more than you will probably be comfortable with. This is normal, as the main job of the thumb is to keep the mallet from flying up and hitting your face.

STROKE TYPES

There are four main strokes that make up everything percussionists play. **Every stroke begins with a wrist-initiated motion.** It is important to note that mallets spend the majority of time in the air above the instrument and not close to the instrument while developing technique. It is recommended that the strokes are introduced in this order, as it will directly apply to the first exercise, *Full, Down, Tap, Up*.



The first of these strokes is the **Full Stroke**. Mallets begin in the “up position” (for now, this is as high as the mallets can comfortably reach for the player usually around 12-9 inches from the surface of the keyboard) the wrist initiates the stroke down striking the board before returning to the up position. This is for a note that is loud and is going to continue being loud.

- One type of full stroke is called the **Piston Stroke**. This stroke returns to the top home position almost immediately, matching the speed that it had on the way down to the board. You should envision a rubber band snapping up. If the instructor is taking a picture of the ensemble, the mallets should only be caught in the up position because of how quickly they are moving. This stroke type has a few different benefits. It creates a huge powerful short direct sound. It allows you to play fast passages as your upstroke is always at lightning speed. Lastly, it is simple to make this stroke unified in a large ensemble making the performers more likely to be effective when they're expressing emotion with their music. A group of people doing the exact same thing can be very effective when done correctly.

- The second type of full stroke is called the **Legato Stroke**. These are full strokes that are in constant motion, similar to the motion of dribbling a basketball. The hand has to move down to push the basketball down, and flex up to catch the basketball and push it back down. *It is important to note that the arm should not be a part of this stroke, at least at the very beginning of training.* The arm can be incorporated for dynamics above forte, but should never be the initial power source behind a stroke. The benefits of legato strokes are sound and aesthetic related. The legato stroke not only creates a legato sound on the instrument rather than an articulate sound, but it also makes the ensemble “look” legato thus reinforcing in the audience’s mind the correct feel and emotion for the phrase.

The next stroke is the **Down Stroke**. Mallets begin in the up position and the wrist initiates a stroke down. The player then uses the wrist to inhibit the rebound of the mallet, and the stroke is complete with the mallets hovering about 1-2 inches above the bar. We call this the “down position”. This is for passages that are loud and then call for a softer volume. Down strokes are most likely to be squeezed. Make sure your wrist is simply staying down to make this happen and that you’re not squeezing the mallet to stop it from rebounding.

The third stroke is the **Tap Stroke**. From “down position”, the wrist initiates a stroke down. This stroke is for a note that is soft and will continue being soft. You should still use the same velocity you used when playing a full stroke, just at a lower height. Think of this as a full stroke but at a low height.

The fourth stroke is the **Up Stroke**. From about 1-2 inches above the bar, the wrist initiates a stroke down and then lifts to “up position”. This is for a note that is soft and followed by a loud note. This stroke requires a lot of energy, and make sure it is all coming from the wrist.

Two Mallet Technique Checklist	
<input checked="" type="checkbox"/>	Capital T with pointer finger and thumb.
<input checked="" type="checkbox"/>	Pointer fingers point down, then turn inward.
<input checked="" type="checkbox"/>	Strokes are always initiated by the wrist.

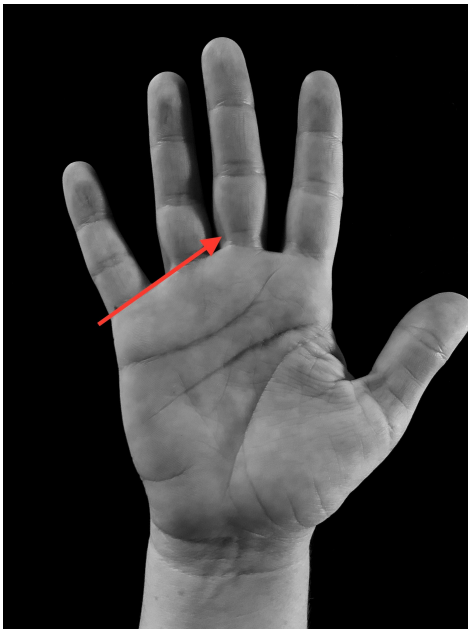
FOUR MALLET TECHNIQUE

STEVENS GRIP

This text will focus on the Stevens technique. While Burton and traditional grip are wonderful and definitely have their place in music, we feel that Steven's grip is the least limiting and allows us to play fast passages, every interval, and translates well to holding 2 mallets. In the following sections, we will refer to "inside mallets" and "outside mallets". From left to right, the mallets are numbered 1, 2, 3, and 4. Mallets 1 and 4 are the outside mallets and mallets 2 and 3 are the inside mallets.

MALLETS 1 AND 4

We will begin with the outside mallet first. Lay it along the folds of the first knuckle in the pinky and ring fingers, close to where the palm ends. Acknowledge that it is going to move out of this position, but it is best to start with it there.



When you wrap the fingers around, there should be about the length of a breath mint sticking out (approximately $\frac{1}{4}$ of an inch).



***Here is the ultimate secret that will make you good at keyboarding.
(Not really but...it is pretty important and game changing.)***

The outside mallet should rest against the middle finger knuckle, NOT in the webbing of the fingers. It will be anchored by the bone and the callous you develop. The mallet may move around at first until this becomes more comfortable. Keep working to put the mallet shaft right against the knuckle as it will move around a lot before you develop calluses to keep it in place. If you're having trouble keeping it in place try playing on your floor or a pillow on a regular basis. Holding a small interval like a third will quickly build up these "finger shelves" necessary to keep the outside mallet in place.

This position is far more stable for the outside mallets and keeps them from wiggling when you're playing faster passages with inside mallets. Remember blisters are "normal" but also can mean you're squeezing too hard. You should wrap your hands with medical tape or a bandaid if you see blisters begin to develop or your skin begins to tear. Though four mallets can be painful when first developing the technique, it does get better and more comfortable with patience, time, and practice.



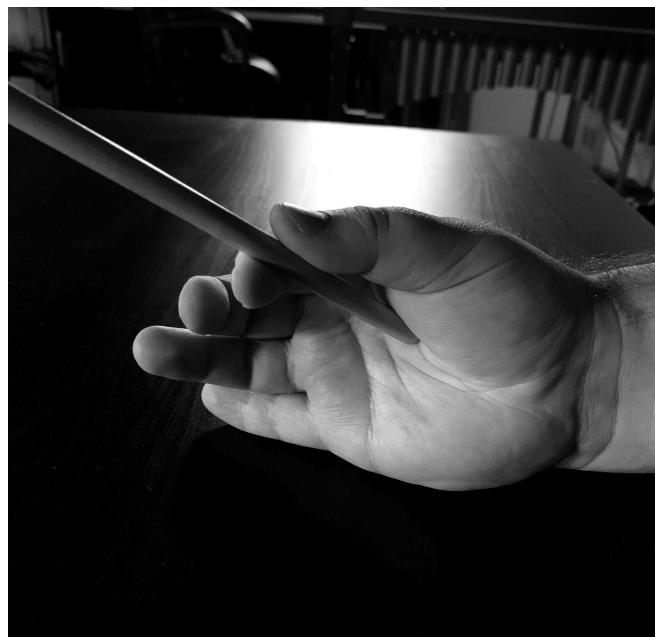
MALLETS 2 AND 3

Once the musician is comfortable with the outside mallets, shift to the inside mallets. The inside mallets should be placed in the center of the palm (for now). This position will shift as different intervals are required. The mallet will then be placed with the pointer finger pointing straight out, creating a perch for it to rest on:



You should be able to balance the mallet between the index finger perch and under their thumb muscle (fatty part of the thumb).

Then, lay the thumb gently on top, where it will just rest and not pinch.



The grip for this mallet is so relaxed that the mallet should be easily dislodged if pulled on. Thumbs should face the ceiling, not the opposite hand as we did while playing with two mallets. Make sure the thumb is resting flat on the mallet shaft, not bent upwards like a small thumb hill.



Lastly, the middle finger should start resting on the base of the inside mallet, striving to not wrap it around the mallet. The example on the left is a common mistake. The middle finger should strive to look as pictured below.

BAD



GOOD

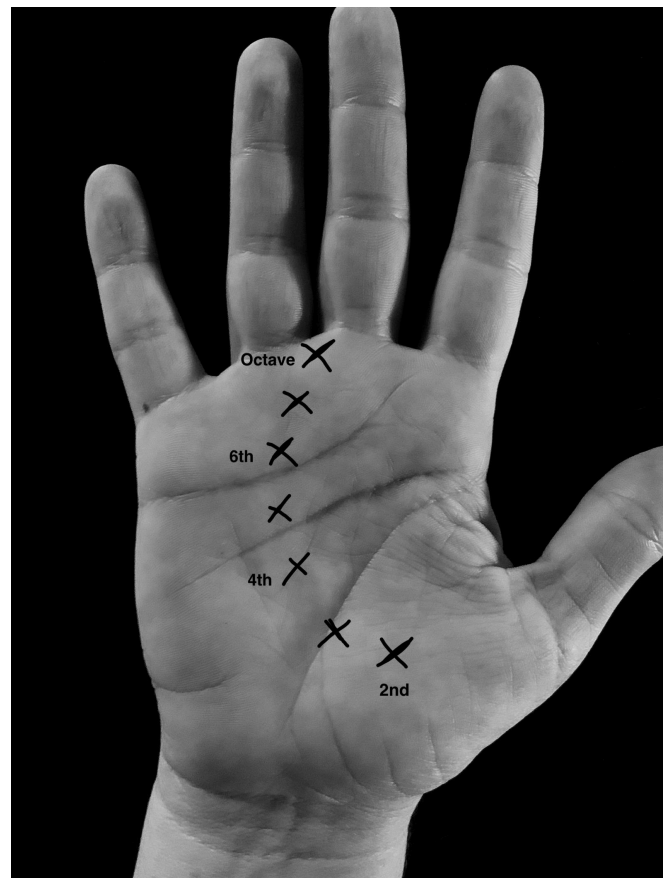


INTERVALS

Intervals refer to the distance from one note to another. For instance, in a root position C major chord, the left hand will hold a major 3rd (C and E) and the right hand will hold a perfect 4th (G and C). In order to change intervals the index finger and middle fingers create a lever that uses a push pull motion to move the mallets into the correct position. Make sure as you change intervals you are not putting too much pressure on the thumb to move the mallets in or out. The thumb will move and roll over the mallet shaft, but the mallet itself is moved by the pointer and middle finger.

The further the mallet is up in your hand, the wider the interval becomes. Shifting from a 2nd to an octave, the mallet will travel in a half moon shape. There is a specific spot in your hand for every interval, this may change person to person depending how the size of your hand. This will also change based on the instrument you are playing and the octaves of that instrument.

Four Mallet Technique Checklist	
<input checked="" type="checkbox"/>	Capital T with pointer finger and thumb.
<input checked="" type="checkbox"/>	Outside mallet resting against the knuckle
<input checked="" type="checkbox"/>	Flat thumbnails facing the ceiling

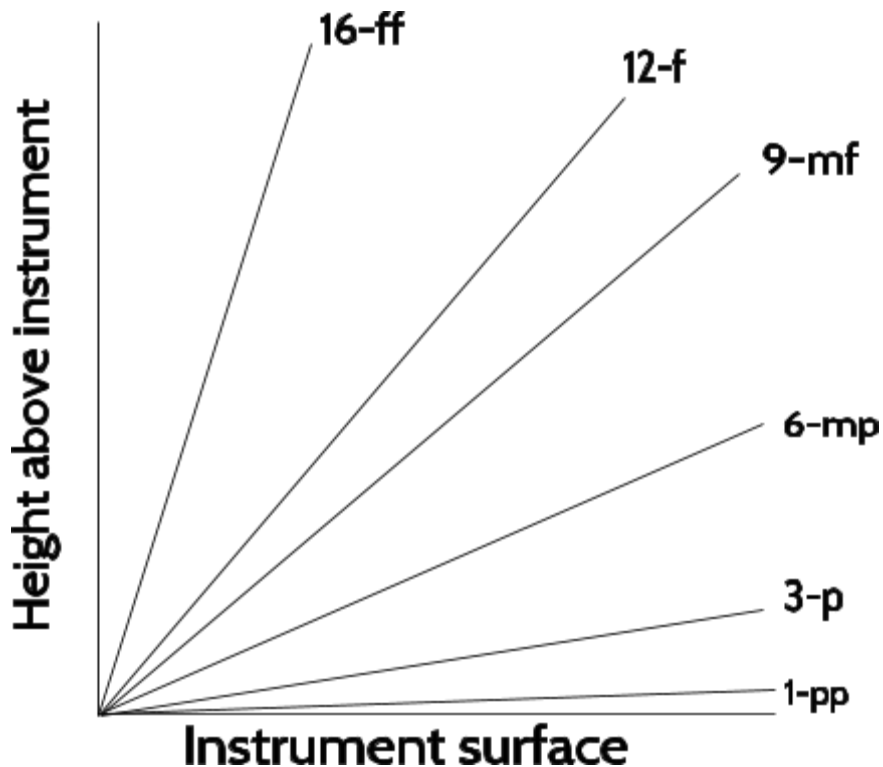


HEIGHTS AND DYNAMICS

There are many ways to determine dynamics and heights so for our purposes we will be using this chart. It is important to understand that this chart is a guide and is not an end all be all. When playing in an ensemble setting we use this as a base so all players can aim for the same height. The most important thing to remember is to follow your leader and match their heights. More important than matching heights is making sure you are using your ears and LISTENING to your balance in the ensemble. If you can't hear your neighbor, assume you are too loud.

In theory...if we are all using the same velocity into the board and the same heights we should create a well blended unified sound. This is sometimes not so because some individuals may be striking the instrument with more tension, velocity, or arm than the other performers.

For our purposes heights should be as follows (numbers indicate inches)



Is pp always one inch? No. Is forte always 12? No. This all depends on what you as an artist need for the particular passage of music. The above chart is simply a mental guide that we can all use to start off on the same page. Remember....the main goal is blending and listening to those around you. Most people are challenged by the difference in mp and mf, so make sure to practice those more than you work on your forte height.

SHIFTS

90-140 bpm

Prepare in all major keys (and minor if you're ambitious.)

We will play this exercise with legato strokes and piston strokes, please practice both.

GREEN SCALES

90-160 bpm

Try starting on both the right and left hands as we will switch as needed.

OCTAVE JUMP

This is intended to be played either with 2 mallets or with 4 mallets using insides (2 and 3.) After you are comfortable with that sticking try it using one hand, mallets 1 and 3, or mallets 2 and 4 . As an extra challenge try transposing it to different keys, and/or increasing your tempo. Be aware of where your eyes are while you play. Are you watching one hand in particular? Looking in the center to see both mallets with your peripheral vision? If you're having note accuracy issues, try adjusting where your eyes are while you play.

Note: If your instrument does not have the proper octaves transpose up or down accordingly. Vibes will jump up the octave for the last measure.

Octave Jump Checklist	
<input checked="" type="checkbox"/>	All notes were directly in center of the bar
<input checked="" type="checkbox"/>	All pitches were correct
<input checked="" type="checkbox"/>	Heights did not change throughout

Octave Jump

The image shows two staves of musical notation for an exercise titled "Octave Jump". The first staff is in 4/4 time and contains 8 measures of music. The second staff starts with a measure number "4" and contains 8 measures. The key signature has two flats (B-flat and E-flat). The notation consists of eighth notes and quarter notes, often beamed together. The final measure of the second staff includes a double bar line and a dashed line with "8vb" underneath, indicating an octave jump.

SPACE AND TIMING

We will play this exercise with legato strokes and piston strokes, please practice both 52-80 BPM.

Musical notation for the 'SPACE AND TIMING' exercise, consisting of three staves of music in treble clef. The first staff starts in 4/4 time and contains four measures: four quarter notes (C4, C4, C4, C4), followed by eighth notes with beams and accents, quarter notes with beams and accents, and eighth notes with beams and accents. The second staff starts at measure 5 and contains four measures: eighth notes with beams and accents, quarter notes with beams and accents, eighth notes with beams and accents, and quarter notes with beams and accents. The third staff starts at measure 9 and contains four measures: eighth notes with beams and accents, quarter notes with beams and accents, eighth notes with beams and accents, and quarter notes with beams and accents. The piece ends with a double bar line.

THOM HANNUM CHECK PATTERNS

Musical notation for the 'THOM HANNUM CHECK PATTERNS' exercise, consisting of four staves of music in treble clef, all in 4/4 time. The first staff starts at measure 1 and contains eight measures of eighth notes with beams. Above the staff, the pattern 'R L R' is written above the 5th, 6th, and 7th measures. The second staff starts at measure 3 and contains eight measures of eighth notes with beams. Above the staff, the pattern 'R R L' is written above the 5th, 6th, and 7th measures. The third staff starts at measure 5 and contains eight measures of eighth notes with beams. Above the staff, the pattern 'R L L' is written above the 5th, 6th, and 7th measures. The fourth staff starts at measure 7 and contains eight measures of eighth notes with beams. Above the staff, the pattern 'L R L' is written above the 5th, 6th, and 7th measures. The piece ends with a double bar line.

METRIC MESS

♩=76-132

The musical score consists of six staves of music in 4/4 time. The tempo is marked as ♩=76-132. The first staff contains a continuous eighth-note pattern. The second staff begins with a triplet of eighth notes, followed by a continuous eighth-note pattern. The third staff continues with eighth notes and includes a triplet of eighth notes. The fourth staff features eighth notes with several triplet markings. The fifth staff continues the eighth-note pattern with more triplet markings. The sixth staff concludes the piece with a final triplet of eighth notes and a whole note rest.

CHROMATIC 8-8-16

Play in block chord progression, chromatically with all intervals and permutations including Double and Triple Lateral Motions, Etc...

Musical score for Chromatic 8-8-16. It consists of three staves: K (Keyboard), T (Tambourine), and P (Percussion). The K staff features a chromatic line of eighth notes with fingerings 1, 2, 3, 4, 1, 2, 3, 4 and a 'Sim.' (simultaneous) marking. The T staff has a rhythmic pattern of eighth notes with the instruction 'Play 2 drum alternating patterns as variations'. The P staff has a rhythmic pattern of eighth notes with the instruction 'Stone-Stick Control Page 1'.

CANON BLOCKS

Variations on different mallets rather than blocks 13- 24 14 -23 1-2- 3- 4 Etc.

First system of the Canon Blocks score. It features three staves: K (Keyboard), T (Tambourine), and P (Percussion). The K staff has a block chord progression in 7/8 time. The T staff has a rhythmic pattern of eighth notes with the instruction 'Follow Keyboard LH for variations (13/24 would start C then G)'. The P staff has a rhythmic pattern of eighth notes with instructions 'tambourine and/or snare drum' and 'finger rolls'.

Second system of the Canon Blocks score. It features three staves: K (Keyboard), T (Tambourine), and P (Percussion). The K staff has a block chord progression in 7/8 time, transitioning to 4/4 time at the end. The T staff has a rhythmic pattern of eighth notes. The P staff has a rhythmic pattern of eighth notes with instructions 'finger rolls' and 'shake roll'.

INCHWORM

This exercise focuses on interval changes, and different wrist motions. It is very important to recognize the difference in a double stroke motion versus playing a single independent stroke. Double strokes (playing 2 notes within one hand at once) require the wrist to move up and down vertically. Playing a single independent stroke (one mallet at a time) requires the wrist to turn or twist side to side. When we meld those two techniques together accidentally it creates poor sound quality. Keep this exercise slow until you are 100% confident with the independence of these two skills and then start to speed it up. Learn this exercise using piston strokes making sure to match all mallets to the same height and only add lateral strokes when it reaches a very fast tempo. Notice if there is a mallet that is not balanced to the others and make a hypothesis as to why that might be happening.

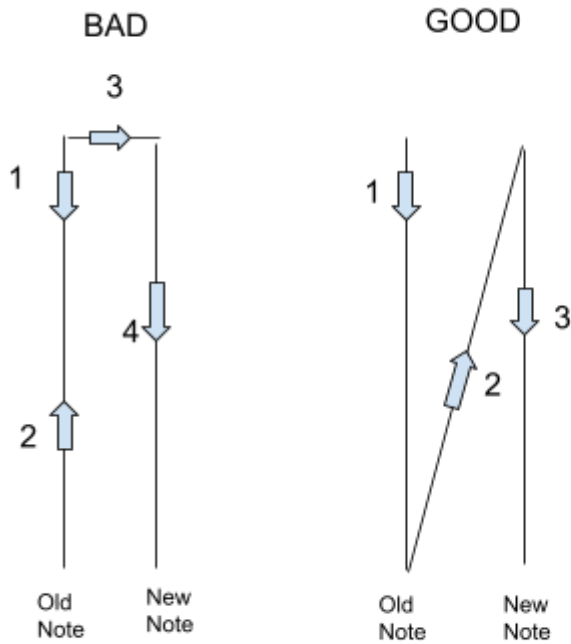
Also make sure while changing intervals that you are not moving your mallets like a bouncing ball. The interval changes should happen immediately after playing the preceding note, moving in a quick check like motion to the next notes that will be played.

Inchworm Checklist	
<input checked="" type="checkbox"/>	Wrist motion is correct when playing single independents vs double stops.
<input checked="" type="checkbox"/>	Instantly shifting to new intervals with perfect centered playing positions.
<input checked="" type="checkbox"/>	All piston strokes until the tempo gets very fast .
<input checked="" type="checkbox"/>	Every mallets are the same height always.

INCHWORM

The musical score for 'Inchworm' consists of two staves. The first staff is in 4/4 time and features a melody of eighth notes with a steady upward motion, starting on a middle C and ending on a G. The second staff is in 6/8 time and features a bass line of eighth notes with a steady downward motion, starting on a G and ending on a C. Both staves include repeat signs at the beginning and end of the piece.

Path of the mallet



TRIPLET BROCCOLI

Ascending 4s and 2s



4



Descending 4s and 2s

7



10



Ascending 1s

13



Descending 1s

16



19



VIDEO AUDITION REQUIREMENTS

Due June 1st

GENERAL VIDEO REQUIREMENTS

The video should include your instrument and full body, with an audible metronome.

The whole video can be recorded in separate takes. The staff does ask that you label each exercise on-screen along with the bpm used.

PLEASE READ CAREFULLY AND FOLLOW THE INSTRUCTIONS

EXACTLY!

Mallets:

Shifts in all 12 major keys, one rep per key at 90 bpm

Green three reps of D major at 80bpm, 100bpm, and 120 bpm

Space and timing one rep at 60 bpm and one rep at 80 bpm

Canon Blocks 1 rep at 80 bpm

Inchworm one rep at 76 bpm

Bass Guitar:

Shifts in 6 major keys or your choice, one rep per key at 80 bpm

Fight Song: 1 rep @ 144 bpm

Start Wearing Purple: 1 rep @ 104 bpm

Guitar:

Fight Song: 1 rep @ 144 bpm. (PIANO TOP LINE, BOTTOM OCTAVE IF APPLICABLE)

Start Wearing Purple: 1 rep @ 104 bpm. (PIANO TOP LINE, TOP OCTAVE IF APPLICABLE)

Piano:

Shifts in all 12 major keys, one rep per key at 90 bpm

Fight Song: 1 rep @ 144 bpm

Start Wearing Purple: 1 rep @ 104 bpm