

Percussion 101 Refresher

**Midwest Clinic
2012**

Presented by Jim Catalano

A Percussionist is....

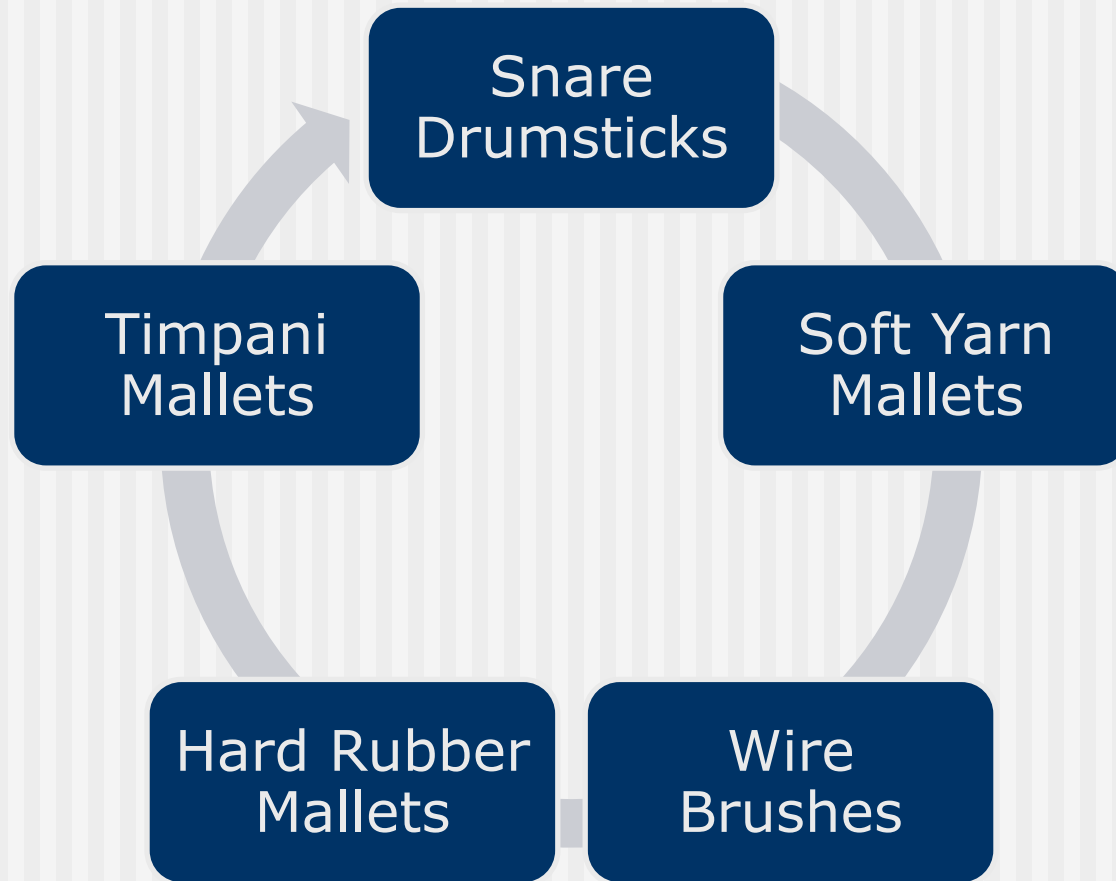
A musician that plays it all:

- Battery (Drums)
- Tuned Percussion
 - Timpani
 - Mallet Keyboard Instruments
- Accessory Percussion
- World Percussion

Percussion Products

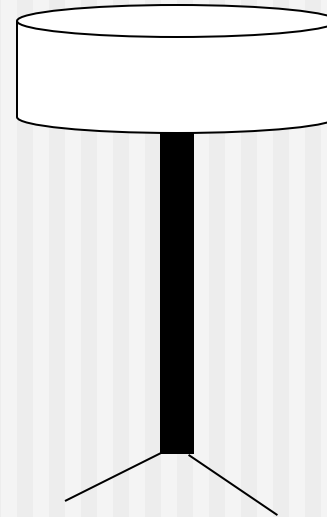
- Combo
 - Drum Sets
 - Snare Drums
- Accessories
 - Drumheads
 - Drumsticks
 - Mallets
 - Hardware (Stands)
 - General Accessories
 - Cases, Bags & Covers
- School / Concert
 - Marching Drums
 - Concert Snare Drums
 - Concert Bass Drums
 - Concert Toms
 - Timpani
 - Mallet Instruments
 - Educational Snare Drum & Bell Kits
 - Ethnic Percussion

Percussion Mallet Pack

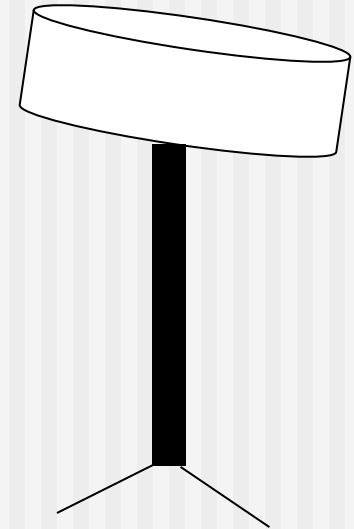


Drum Playing Position

- Position
 - Level / Flat
 - Angled
- Height
 - Waist High
- Extended Height
 - Concert snare stand –
Essential for growing
students.



Flat



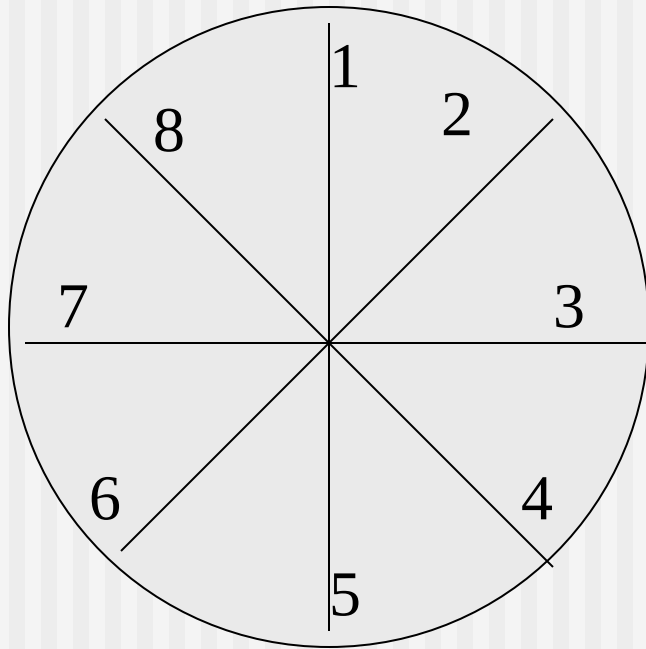
Angle

Snare Drum Heads, Sticks

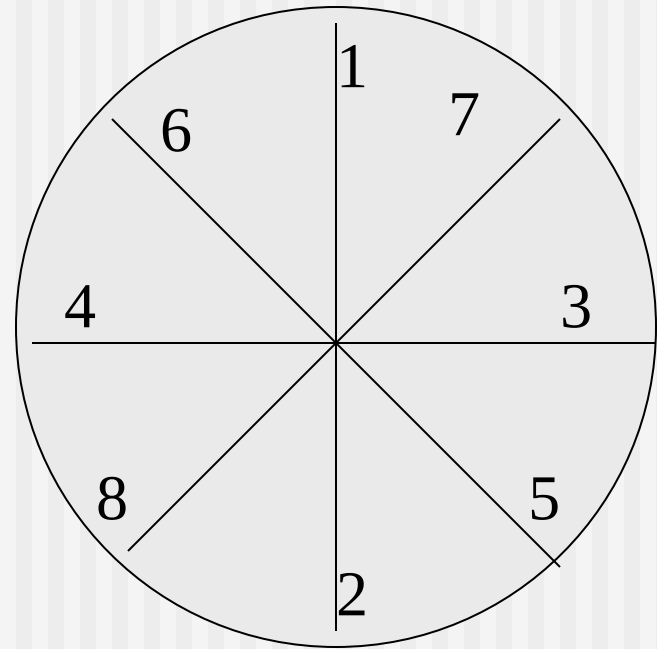
- Head Changing
 - How to:
 - How often:
 - Watch for dents, stretching, clear spots
- Snare Strainer Tension
- Drumsticks (2B, SD1, Barrel shaped bead)
- Wire or Nylon Brushes

Snare Drum Tuning

Basic Tuning



Cross Tuning – Fine Adjustment



Crisp / Dry

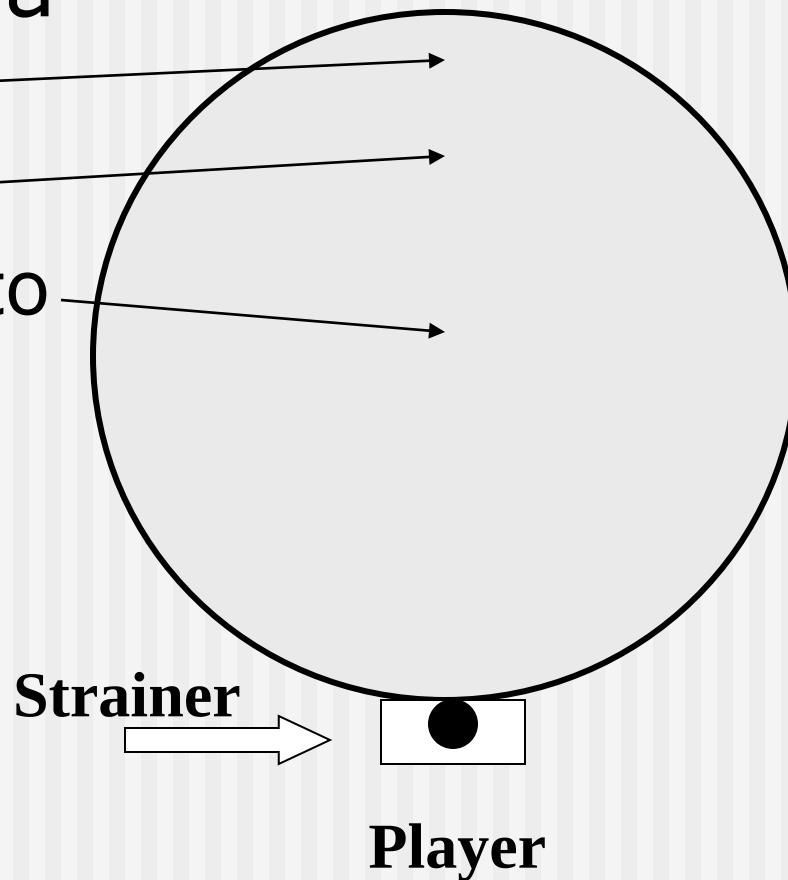
Snare Drum Playing Area

- Striking Area

- Soft
- General
- Dry staccato

- Stroke

- Tap
- Rebound
- Bounce



Snare Drum Grip / Position

- Grip
 - Traditional – (Great for jazz, marching)
 - Matched – (Universal for all percussion)
- Drum should not be tilted (Not necessary)
- Posture
 - Back straight & feet slightly spread
 - Top of drum height at waist level
 - Arms comfortably at side

Snare Drum Basics

- Tap
- Rebound
- Buzz (Multiple Bounce)

Snare Rudiments

- Tap Patterns
- Roll Patterns
- Flam Patterns
- Diddle Patterns
- Drag Patterns

Slow to fast to slow

Soft to loud to soft

Snare Drum

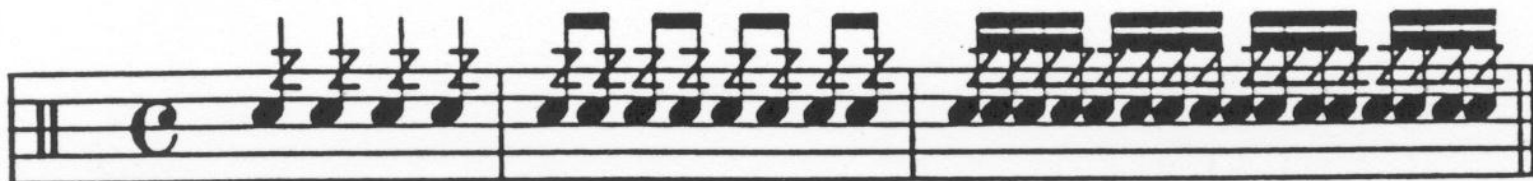
- Rolls
 - Long Open Roll (RRLL)
 - Multiple Bounce (buzz w/ 16th note base)
- Grace Notes
 - Flam
 - Ruff
- Rim Shots (Many types)

Snare Roll Development

 - Multiple Bounce



R	R	R	R	etc.
L	L	L	L	etc.
R	L	R	L	etc.
L	R	L	R	etc.



R	L	R	L	etc.
L	R	L	R	etc.

Snare Roll Development

The image displays three staves of musical notation, each representing a different level of snare roll development. Each staff begins with a treble clef and a common time signature (C). The notation uses eighth notes and sixteenth notes to represent the rhythm of the snare roll, with 'Z' symbols indicating the specific drum strokes.

Staff 1: Shows a sequence of four measures. The first two measures each contain two eighth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. The last two measures each contain four sixteenth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. Below the staff, the rhythmic patterns are written as:
RLRLR LRL RL RLRLR LRLRL etc. etc.

Staff 2: Shows a sequence of four measures. The first two measures each contain two eighth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. The last two measures each contain four sixteenth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. Below the staff, the rhythmic patterns are written as:
RLR LRL RLR LRL etc. etc.
LRL RLR LRL RLR

Staff 3: Shows a sequence of four measures. The first two measures each contain two eighth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. The last two measures each contain four sixteenth notes, with the first measure having a 'Z' above the first note and the second measure having a 'Z' above the second note. Below the staff, the rhythmic patterns are written as:
RLRL LRLR etc. etc.
LRLR RLRL

Concert Toms

- Single headed
- Melodic pitched
- Tuned in minor 3rds
- Medium range
 - 10", 12", 13", 14"



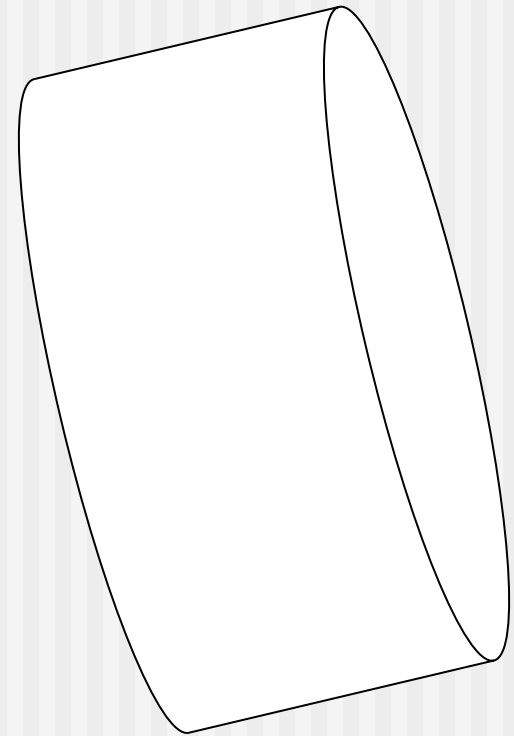
Concert Bass Drum



- Available Sizes
 - 28" Diameter (MS)
 - 32" Diameter (MS)
 - 36" Diameter (HS)
 - 40" Diameter
- Stand
 - Cradle
 - Tilting / Suspended

Bass Drum

- 5% Tilt of bass drum on stand
- Drumhead Selection
 - Ludwig Weather Master Smooth White
 - Fiberskyn III Drumheads (Remo)
 - Calf-like, Darker and dryer sound
 - Renaissance Drumheads (Remo)

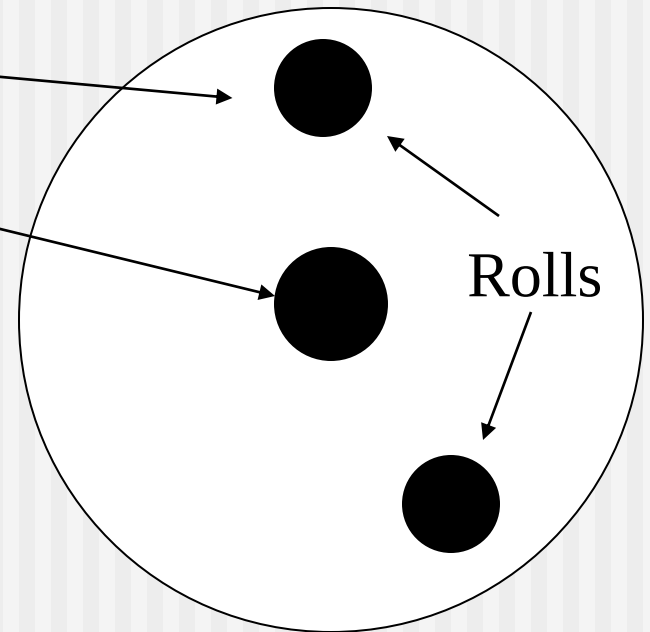


Bass Drum

- Tuning
 - Low fundamental – start loose and work tension up to clear low open sound
 - “Boom”
- Mallets
 - Soft (Special applications)
 - Medium (General playing)
 - Rollers (Pair)
- Anticipation (Watch the conductor)

Bass Drum

- Striking area of the bass drum
 - General
 - Dry staccato
 - Soft / Rolls
- Muffling / Dampening
 - Left hand
 - Knee

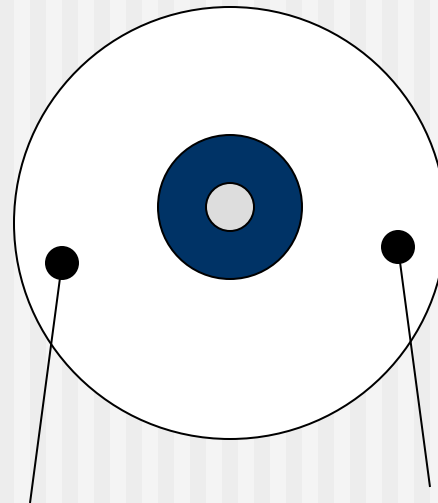


Hand Crash Cymbals

- 18" Medium Weight
- Cymbal cradle on stand
- Straps (pads???)
- Holding position
- Techniques
 - Glance (Flam)
 - Choke
 - Open crash

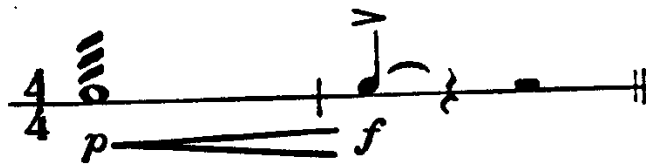
Suspended Cymbal

- Light weight 16" or 18"
- Mallet Selection
 - soft to medium yarn or cord
 - No timpani mallets, No Drumsticks, (except ride sound)
- Single stroke
- Roll technique
- Crescendo
- Anticipation
- Dampening

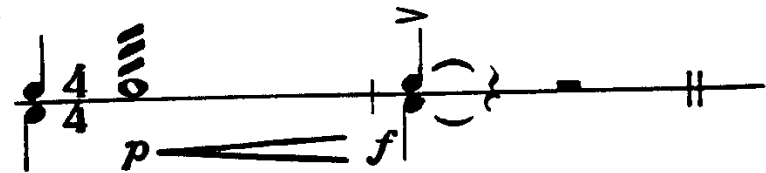


Suspended Cymbal

written:



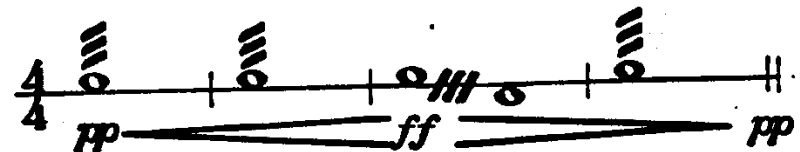
might be played:



written:



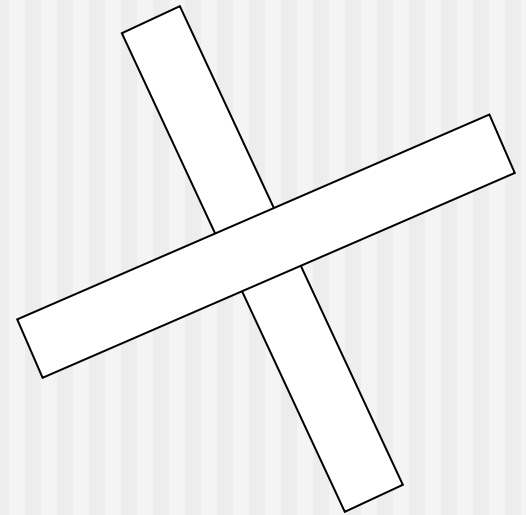
might be played:



Finger Cymbals

- Quality of sound
 - Zildjian, Sabian,
- Holding style
- Striking technique
 - 90 degree angle
- Dampening
 - Body
 - Fingers
- Vibrato

Strike at right angles



Hold high for projection

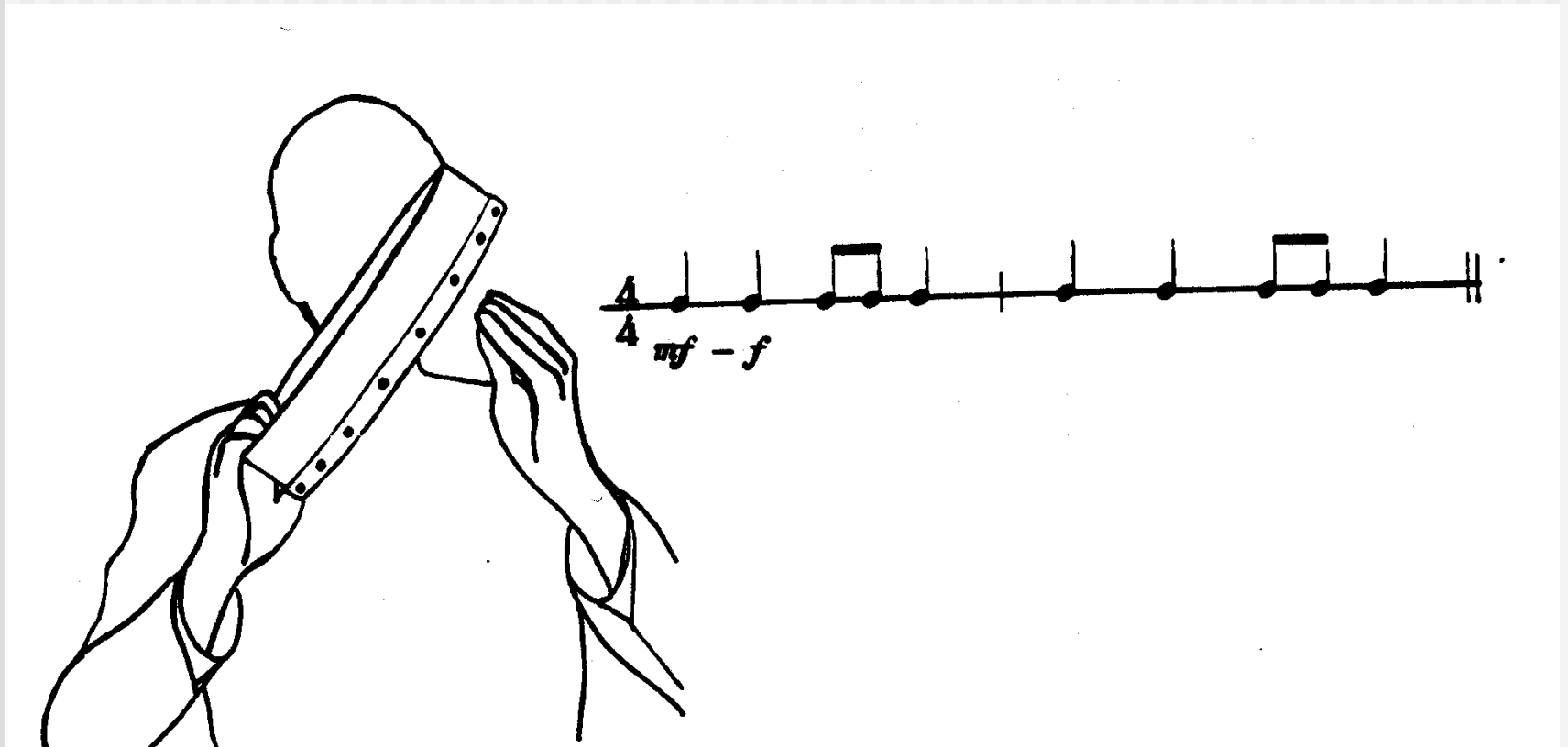
Tambourine

- Type
 - Headed (Calf or Goat Skin)
 - Headless
- Jingles
 - Single Row
 - Double Row
- Jingle Material
 - Brass, Copper, Silver, Combination, Metal
- Quality Tambourines
 - Black Swamp
 - Grover

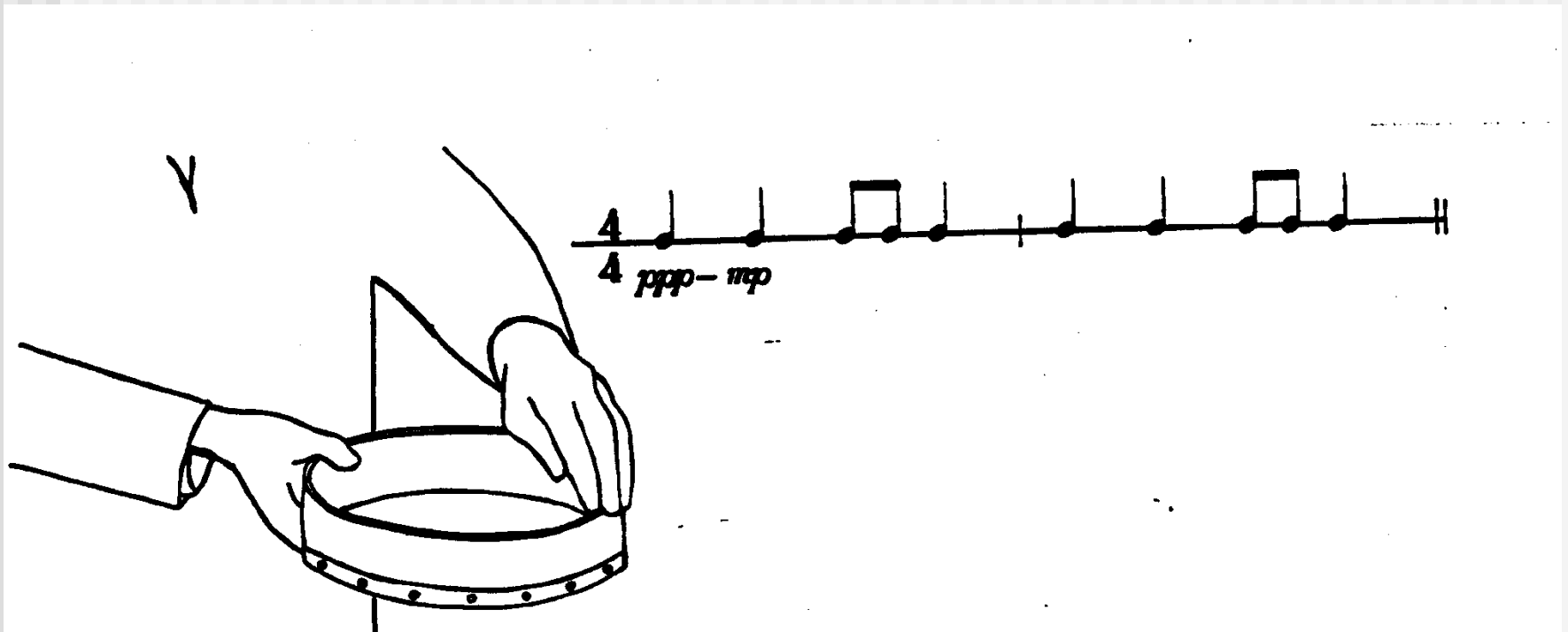
Tambourine

- Technique
 - Avoid extraneous jingle sounds
 - Shake roll
 - Crescendo roll
 - Thumb roll
 - Knee / Fist
 - Fingers with one hand
 - Fingers with two hands, Tambourine on knee

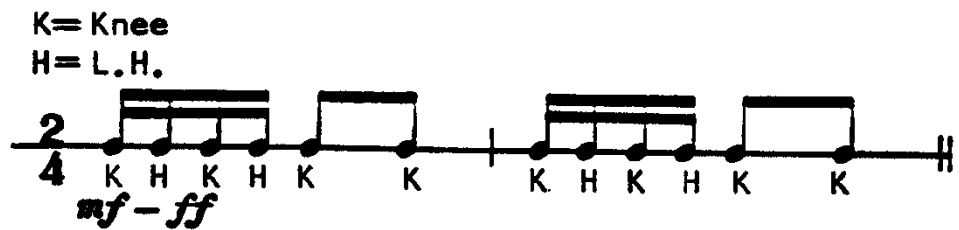
Slow / Loud Technique



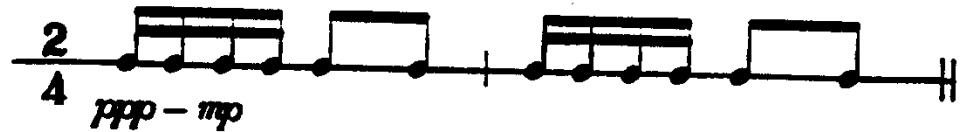
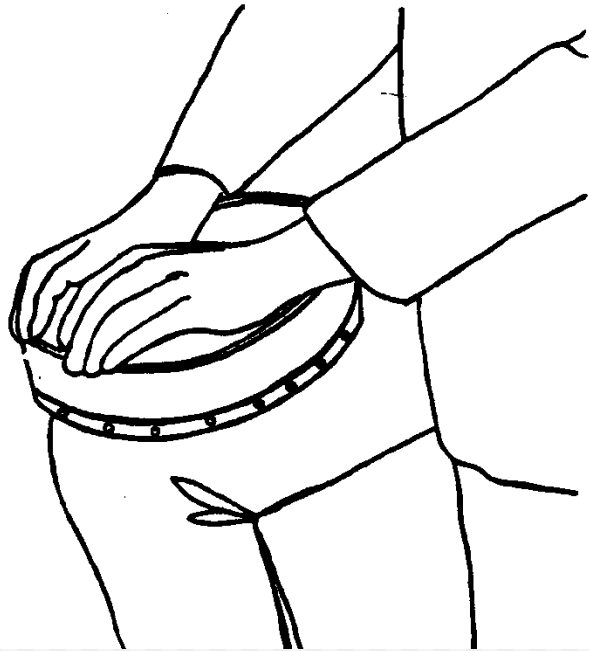
Slow / Soft Technique



Fast / Loud Technique



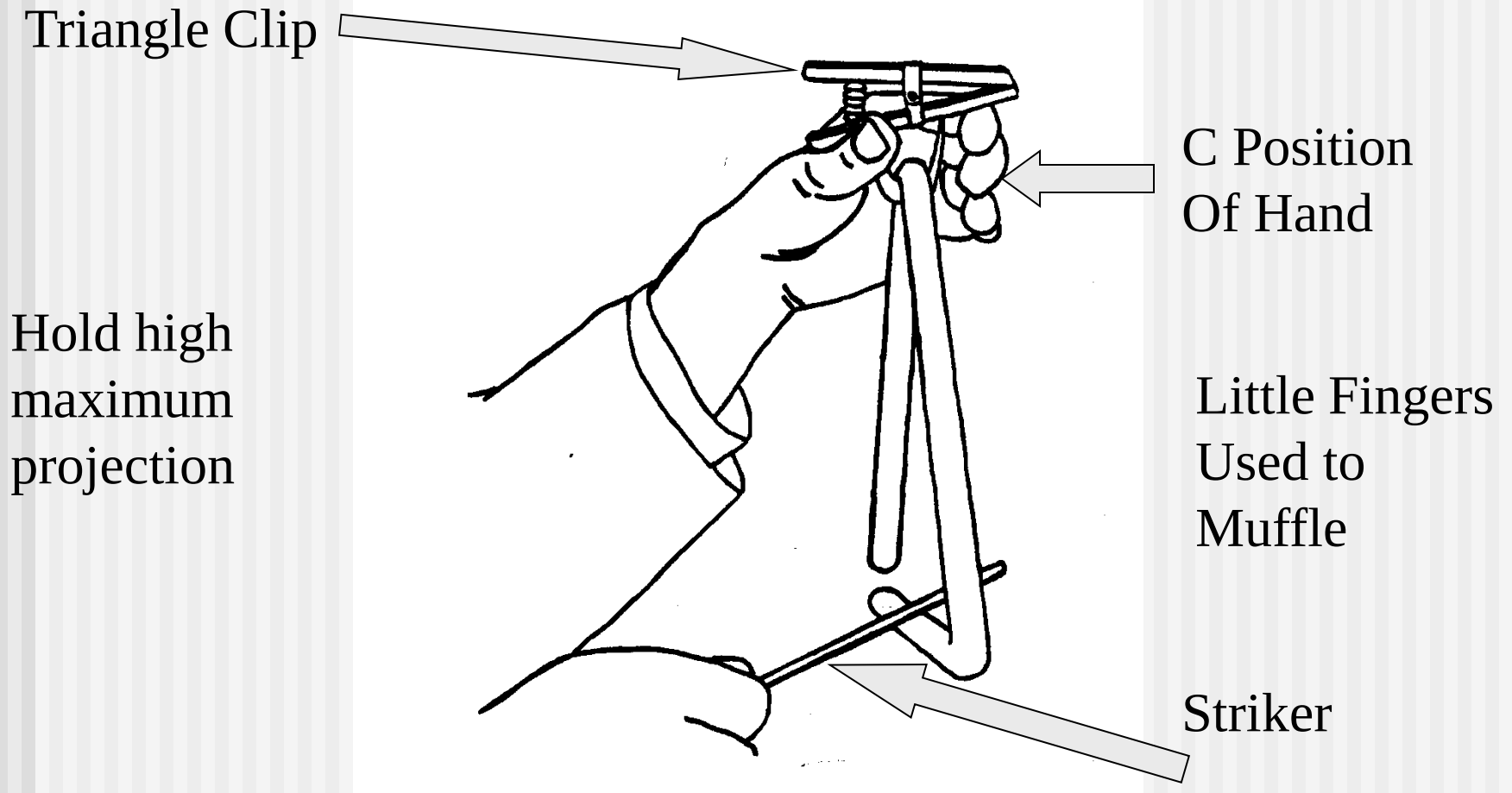
Fast / Soft Technique



Triangle

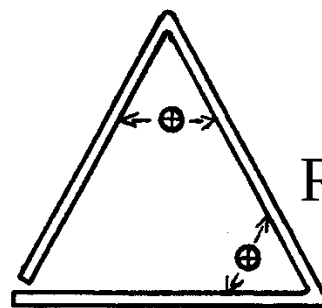
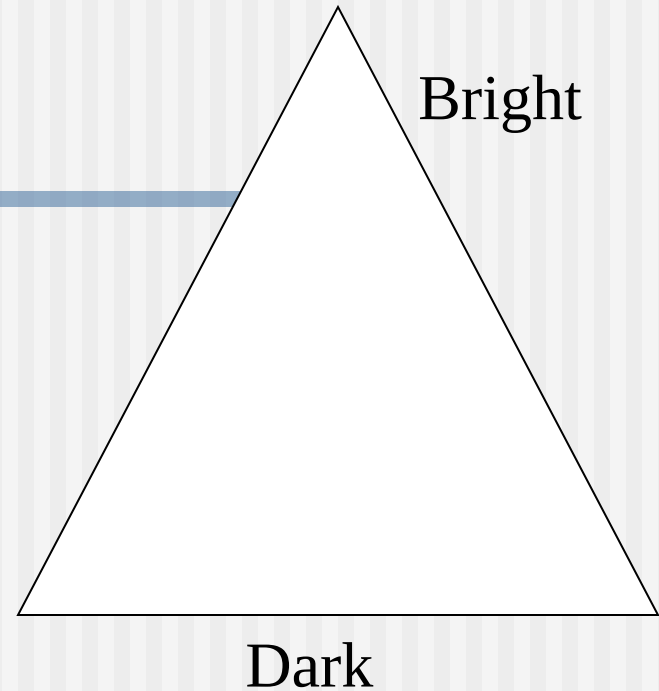
- Product
 - 4", 6" or 8" Triangle
 - Beaters – Variety of diameters & weights
 - Triangle Clip
 - Makers: (Abel, Grover, Black Swamp)
- Holding position
 - In hand
 - On stand

Triangle Holding Position

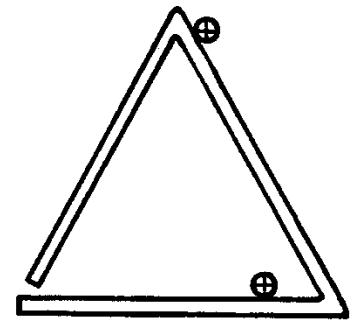


Triangle

- Striking area
 - Dark sound
 - Bright sound
- Single strokes
- Rolls
 - One hand
 - Two hand
- Muffling

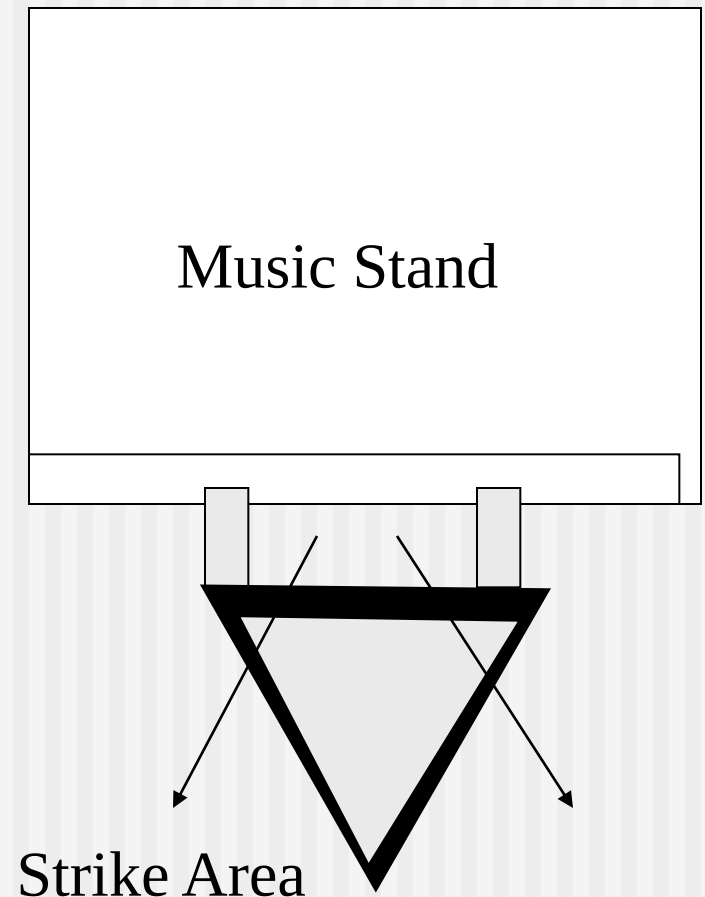


Rolls



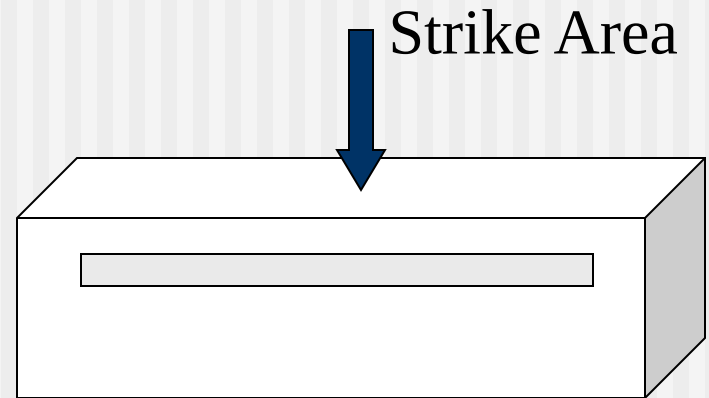
Triangle on Music Stand

- Two Beater technique
- Intricate Rhythms
- Fast Rhythms
- Rolls
- Muffling
 - Fingers



Wood Blocks

- Wood Block
 - Holding position
 - Hand
 - One Hand
 - Trap Table
 - Two Hands
 - Med to Hard Rubber Mallet
 - Striking area
 - Makers
 - Black Swamp
 - Vaughncraft

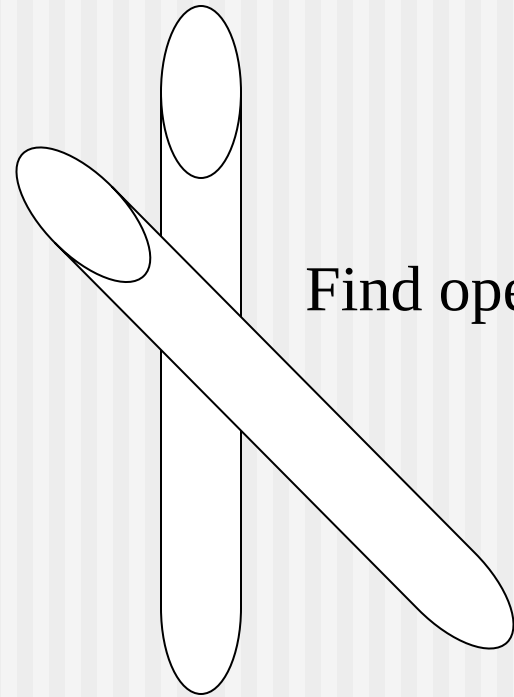


Cup Hand Underneath
or place on soft padded
towel or pad to play
with two mallets for
fast passages.

Claves / Maracas

- Claves (Rosewood)
 - Holding position
 - Best sound production
- Maracas
 - Technique
 - Rolls

Cup bottom clave in hand

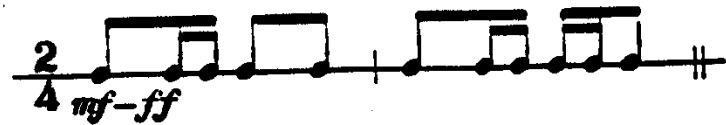


Find open tones

Castanets

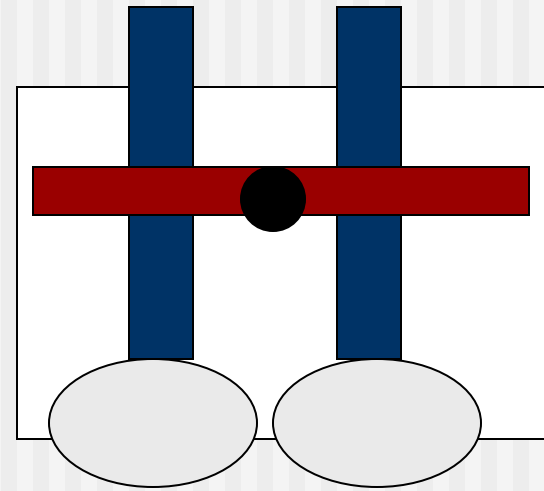
- Types
 - Hand – for dancers, not percussion
 - Paddle – general performance
 - Machine – logistical time factor
- Made from Plastic, Rosewood, Ebony
- Technique
 - Need Chair to rest knee
- Makers
 - Black Swamp
 - Grover

Fast / Loud Technique



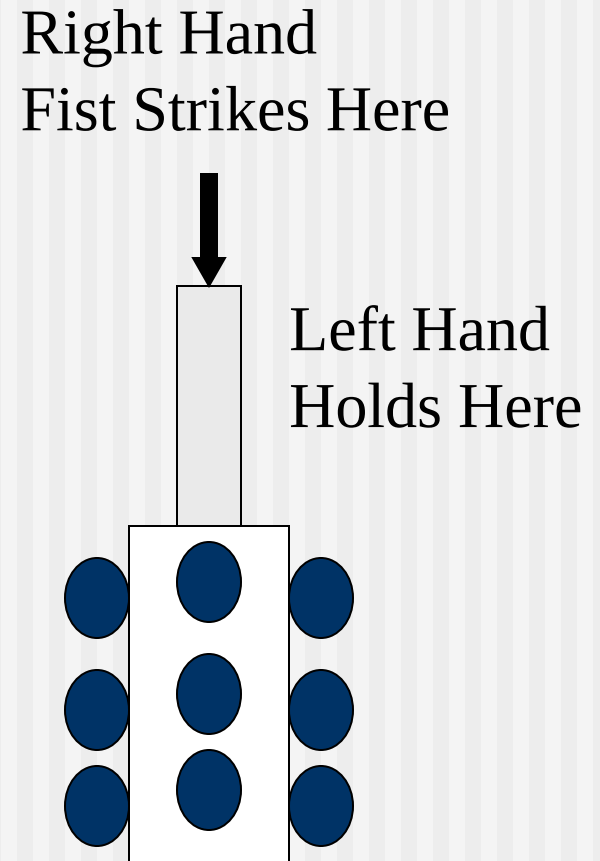
Machine Castanets

- Castanet Pair Mounted on a Block
- Use two fingers grouped together to play more intricate, faster and accurate rhythms



Sleigh Bells

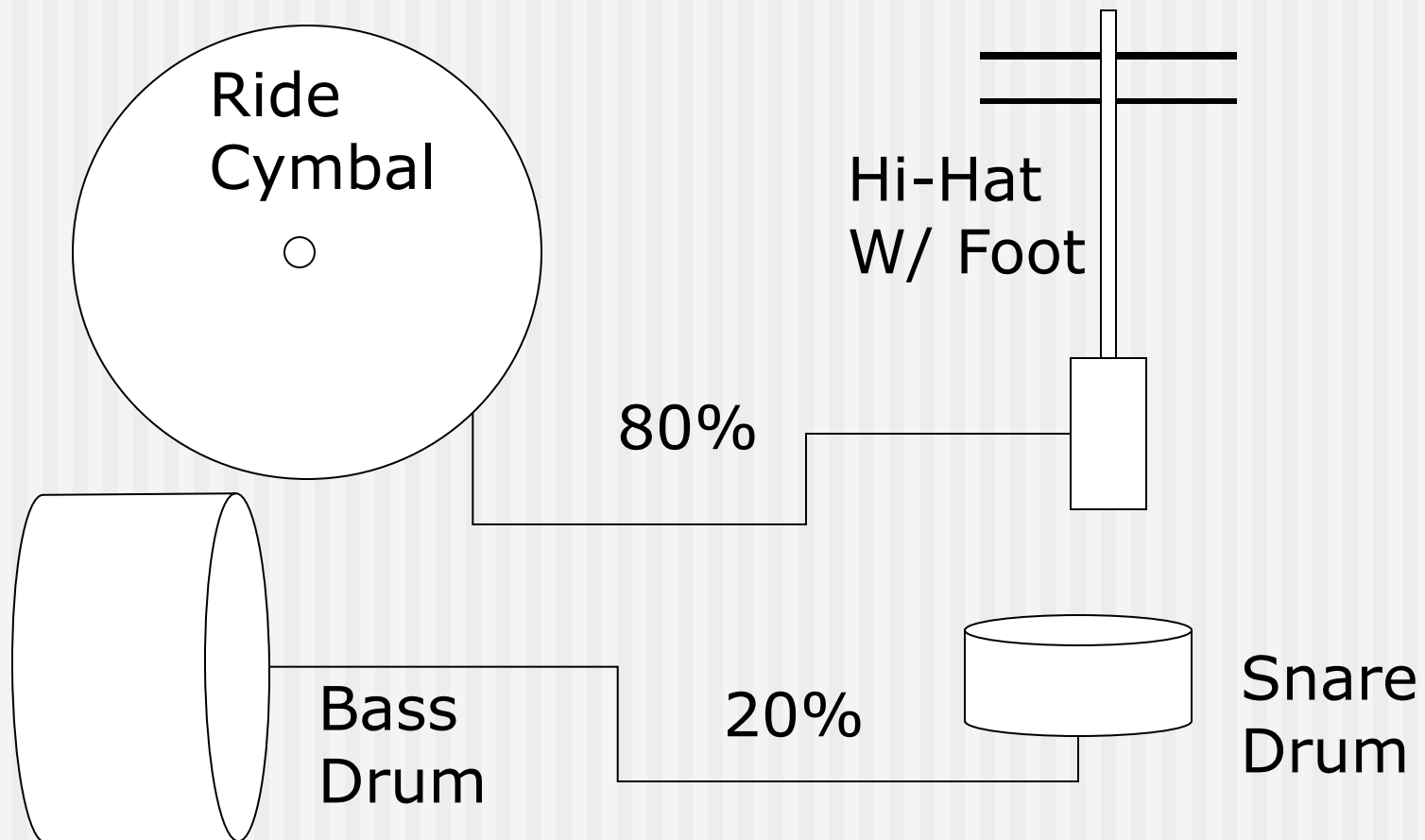
- Hold in left hand with handle up and bells facing to the ground
- Strike the handle of the bells with fist of the right hand



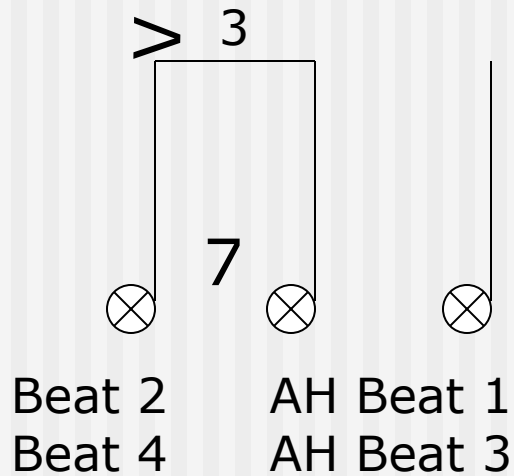
Percussion Accessories

- Vibra-Slap
- Guiro
- Slap stick
- Cabasa / Afuce
- Shakers

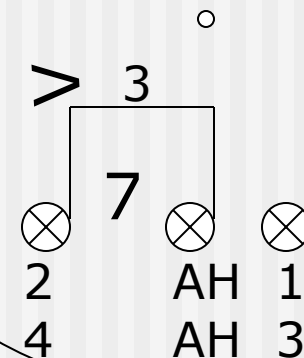
Jazz on the Drum Set



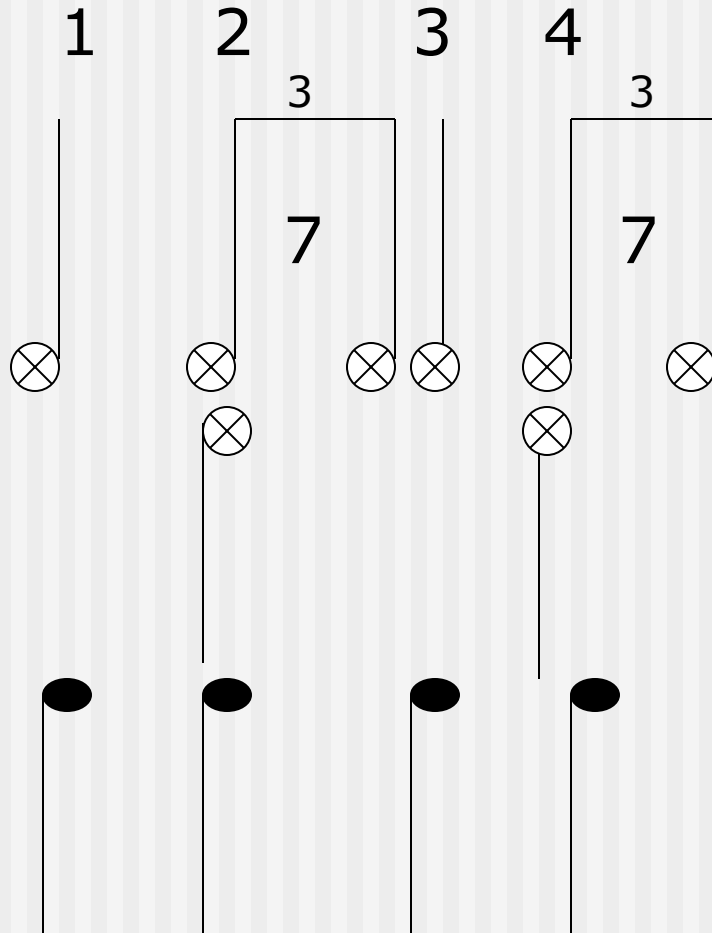
Swing Beat



Ride Cymbal



Jazz Beats

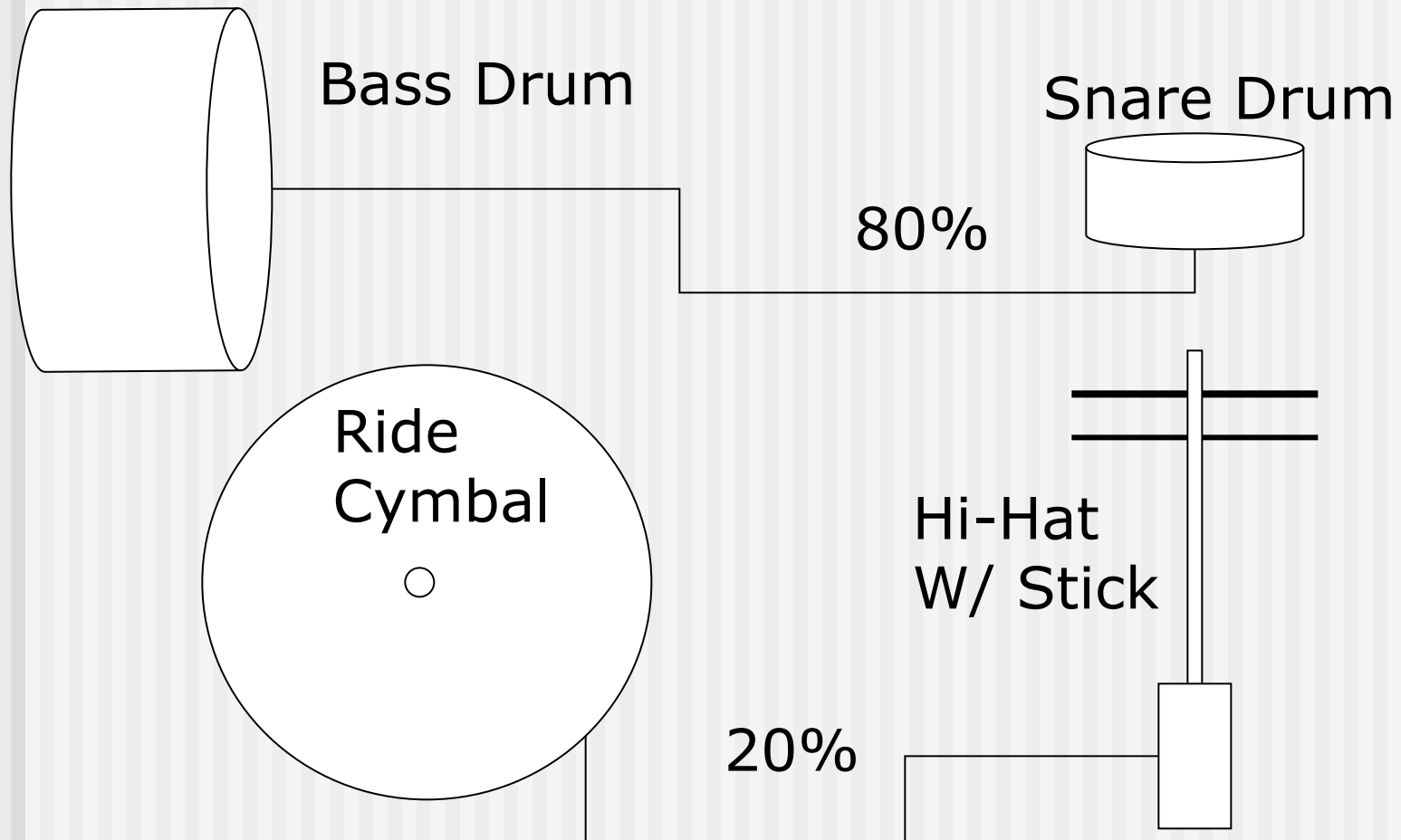


Ride Cymbal Pattern

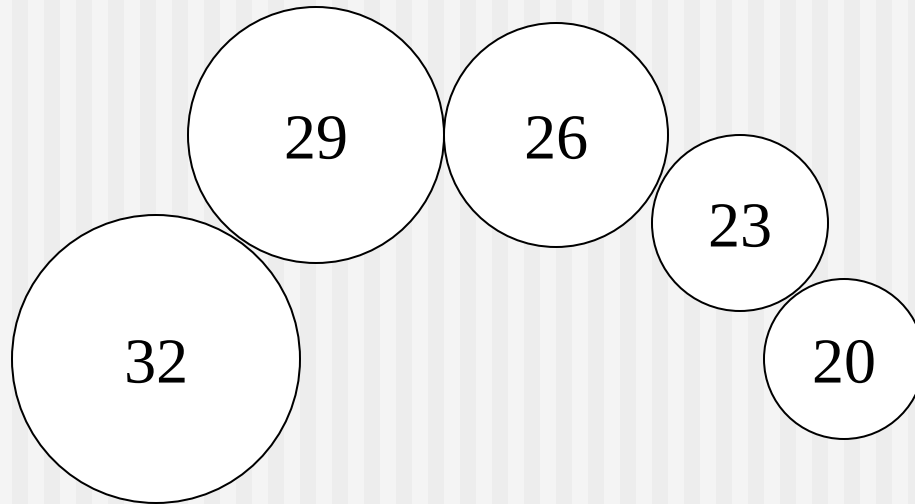
Hi-Hat w/ Foot

Light Bass Drum
"Feathering"

Rock on the Drum Set



Timpani Tuning Range



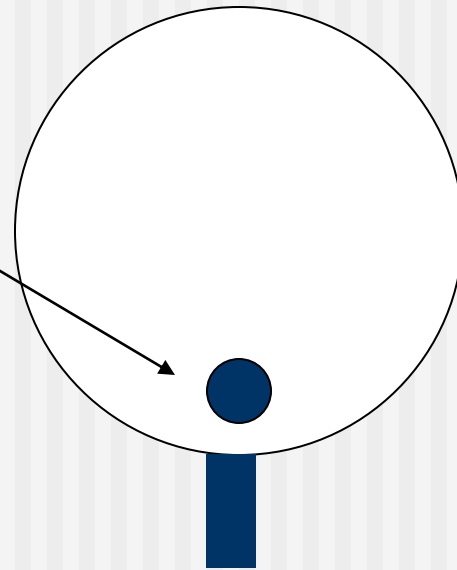
32"	29"	26"	23"	20"
D - B	E - C	A - F	D - B	F - D

Timpani

- Mallets
 - General (Medium felt)
 - Soft (Soft felt)
 - Staccato (Hard felt)
- Grip
 - German (Like matched grip for snare drum)
 - French (Wrist turned so that thumb is on top)

Timpani

- Striking area
- Stroke
- Rolls
- Dampening
- Tuning
- Balancing a head and pedal



Mallet Percussion

Chimes Marimba Xylophone Vibes Bells

Concert Frame or Field Cart

Drumheads

Marching

Snare Drum
Silver Dot
Kevlar

Bass Drum
Smooth White

Multi Toms
Heavy Clear
Pin Stripe

Concert

Snare Drum
Medium
Coated

Toms
Medium Clear

Bass Drums
Smooth White
Fiberskyn

Drum Set

Snare Drum
Medium /
Heavy Coated

Toms
Heavy Clear

Bass Drum
Heavy Clear
Muffle Ring

Drumsticks

Marching

3S

MS1

Concert

2B

SD1

Drum Set

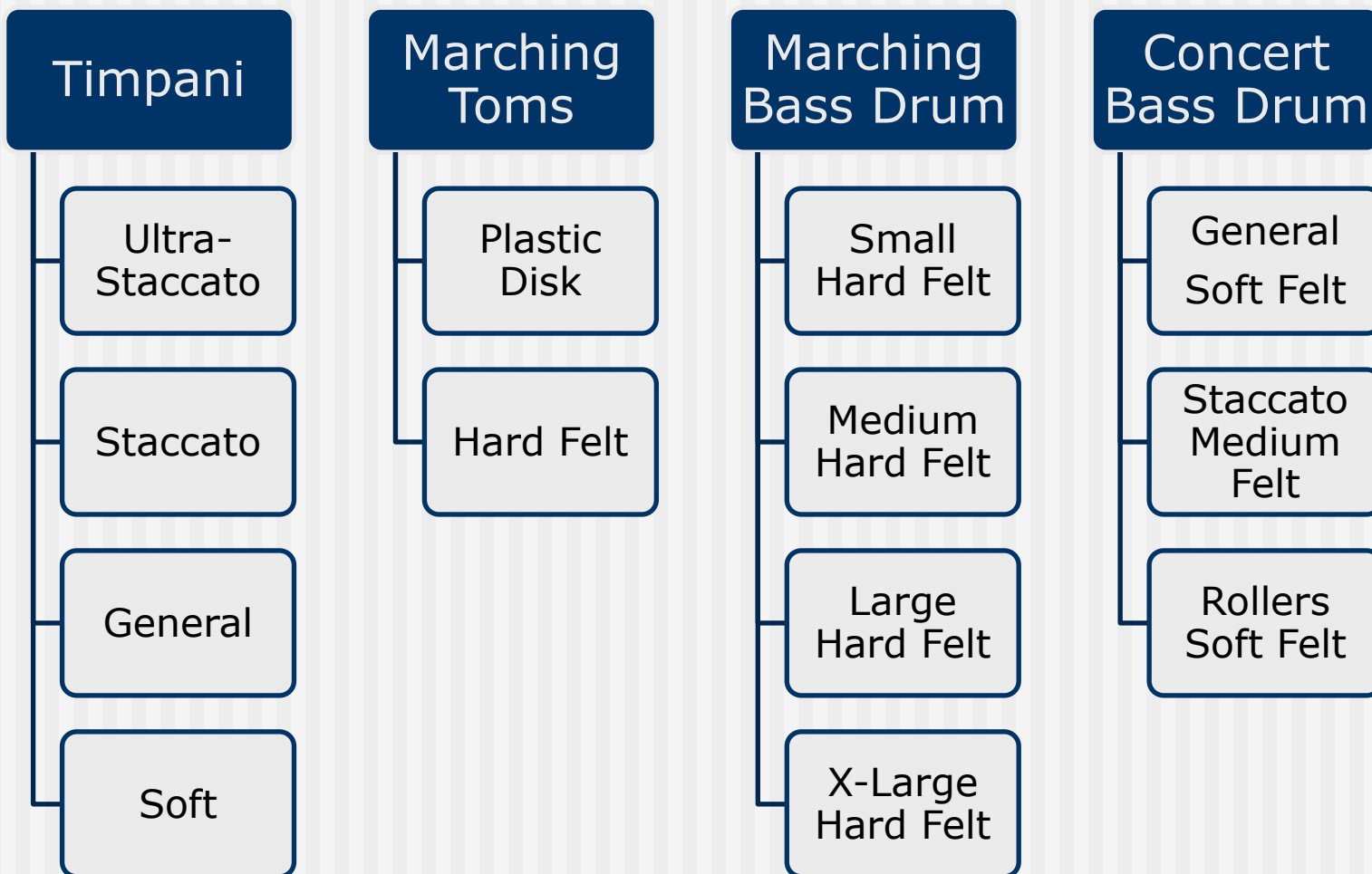
Wood Tip
Nylon Tip

7A Jazz

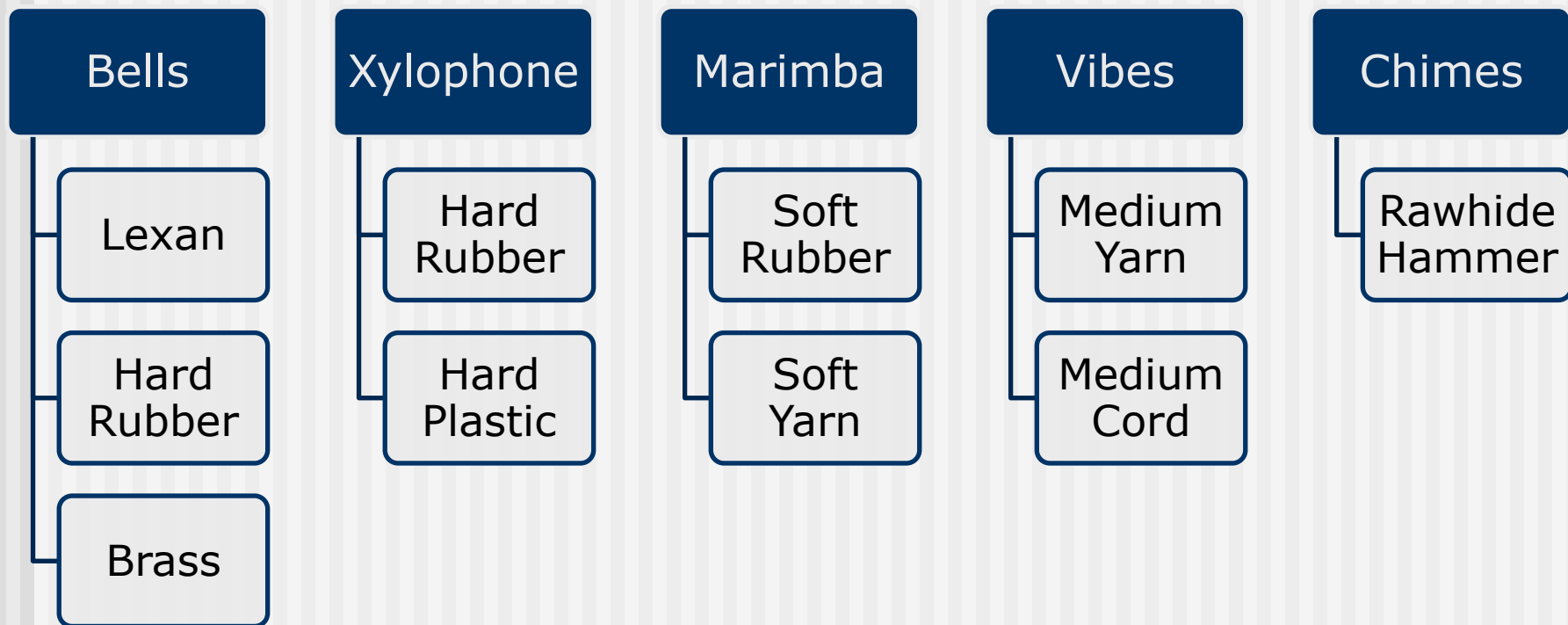
5A
General

5B Rock

Drum Mallets



Mallet Keyboard Mallets



Keyboard Mallets handles made of Rattan, Birch, & Fiberglass

Percussion Accessories

Tambourine

Triangles

**Temple
Blocks**

**Wood
Blocks**

Cow Bells

Whistles

Castanets

Sleigh Bells

Maracas

Shakers

Claves

Ratchet

Slap Stick

Guiro

Cabasa

Trap Tables

Drum Keys

Vibraslap

**Cymbal
Sleeve**

**Felt
Washers**

Thank You

Jim Catalano

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