String Family Facts

Violin

Viola

Cello

Bass

How tone (sound) is produced –Bowed or Plucked

The Bow



Guitar Harp

How tone (sound) is produced – Plucked or Strummed (brushing the strings)

Woodwind Family

*No Reed Piccolo Flute

How tone (sound) is produced – stream of air is directed against the edge of a hole.

Flute Head Joint



*Double Reed Oboe English Horn Bassoon

How tone (sound) is produced- air is blown through a double reed.

The Double Reed



*Single Reed Clarinet Saxophone

How tone (sound) is produced –air is blown into a mouthpiece fitted with a single reed.

Single Reed



Brass Family

Piccolo Trumpet Trumpet French Horn Trombone Baritone Horn Tuba

How tone (sound) is produced- air is blown into a mouthpiece while buzzing the lips.

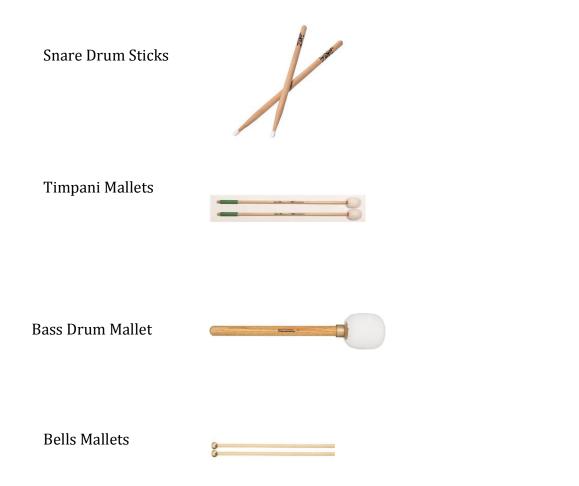
Brass Mouthpieces



Percussion Family

Snare Drum Bass Drum Timpani Bells

How tone (sound) is produced –Drum Head (Snare, Bass and Timpani) or Metal Bars (Bells)--- are struck by a stick or mallet.



Crash Cymbals

How tone (sound) is produced -2 cymbals are crashed together (no stick or mallet is required)



Keyboard Family

Pipe Organ

How tone (sound) is produced --by sending pressurized air through different sized pipes with a keyboard.

Piano

How tone (sound) is produced – hammers strike metal strings when keys are depressed.

Harpsichord

How tone (sound) is produced – strings are plucked by points of a quill (bird's tail feather) operated by depressing the keys.

Celesta

How tone (sound) is produced – hammers strike steel plates when keys are depressed.