

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.

Snare Drum Sticks



Timpani Mallets



Bass Drum Mallet



Bells Mallets



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.