

THE MUSICAL INSTRUMENTS:

The musical instruments are classified into three different families, according to the way they produce sound.

These families are: the **STRING FAMILY**, the **WIND FAMILY** and the **PERCUSSION FAMILY**

NEW WORDS AND EXPRESSIONS.

1. Bow: arco
2. Length: longitud
3. Column of air: columna de aire
4. To buzz: (vibrar)
5. Valves: válvulas
6. Slide: tubo deslizador (vara)
7. Reed: caña
8. Edge: filo. (bisel)
9. Attached to : unido a..
10. Mouthpiece: boquilla.
11. Rub: frotar.
12. Shake: agitar.
13. Scrape. Raspar.

<p><i>STRING FAMILY</i> (the sound is produced when a string vibrates)</p> <p>The pitch of the sound is determined by the length and the tension of the strings.</p> <ul style="list-style-type: none"> • The longer the string the lower the sound • The shorter the string the higher the sound. • The less tension the lower the pitch • The greater tension the higher the pitch. 	BOWED STRING	The sound is produced when a bow is moved across the strings	Violin Viola Cello Double bass			
	PLUCKED STRING	The sound is produced when the strings are plucked with the fingers or a plectrum.	Guitar Harp Lute Harpsichord			
	STRUCK STRING	The sound is produced when the strings are struck by small hammers.	Piano			
<p><i>WIND FAMILY</i> (the sound is produced by a vibrating column of air into a tube)</p> <p>The pitch of the vibration is determined by the length of the tube.</p> <ul style="list-style-type: none"> • The longer the tube, the lower the sound. • The shorter the tube the higher the sound. 	WOODWIND FAMILY	FLUTES	They produced sound when the air is blown against an edge or air cutter.	Piccolo Flute Recorder		
		REED INSTRUMENTS	SINGLE REED	A reed attached to a mouthpiece vibrates.		Clarinet Saxophone
			DOUBLE REED	Two reeds vibrate against one another.		Oboe English horn Bassoon
	BRASS FAMILY	The sound is produced when the players buzz their lips in the mouthpiece.	Trumpet Trombone French horn Tuba	All of them use keys or valves to produce sound, except the trombone which uses a slide.		
<p><i>PERCUSSION FAMILY</i> (the sound is produced in many different ways. The instrument can be shaken, rubbed, scraped, or struck)</p>	PITCHED PERCUSSION INSTRUMENTS	They produce a pitched sound. They can play melodies	Timpani Xylophone Marimba Glockenspiel Chimes or Tubular bells	Timbales Xilófono Marimba Carillón Campanas tubulares		
	UNPITCHED PERCUSSION INSTRUMENTS	They produce an unpitched sound. They can't play melodies	Scare drum Bass drum Maraca Tambourine Cymbals Gong Triangle woodblock	Caja o tambor Bombo Maracas Pandereta platillos Gong Triángulo Caja china		

