

**Introduction to Music Appreciation through Wind and Brass Instruments**

**The different Musical Instrument Families**

**THE BRASS FAMILY**



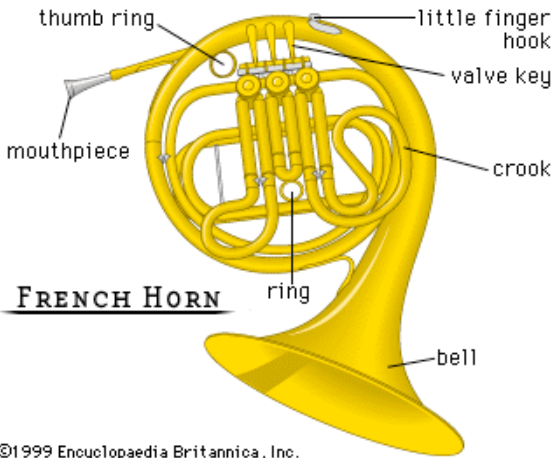
**THE WOODWIND FAMILY**



**THE PERCUSSION FAMILY**



**The French Horn**



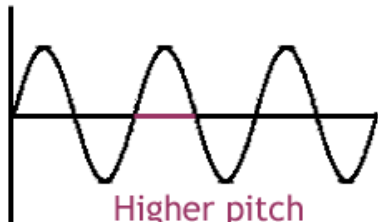
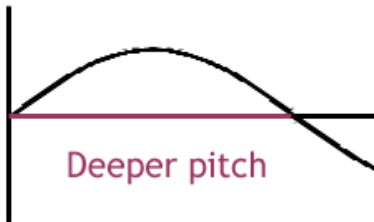
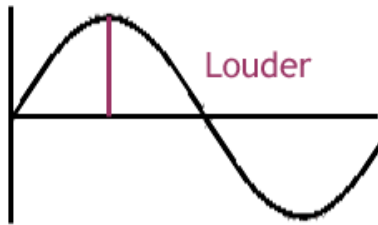
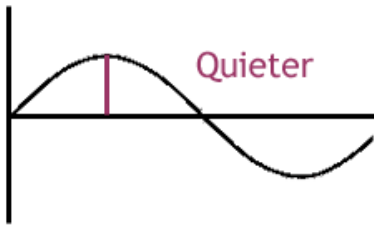
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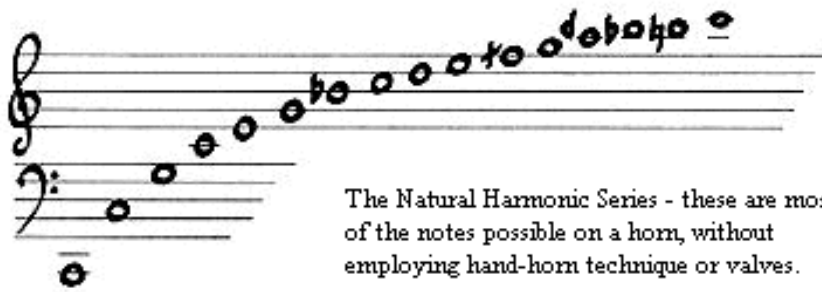
**Natural and Period Horns**



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**What is a Sound Wave and how it works:**

A sound wave is what is created when we hear a sound. Louder sound waves are big vs. soft sound waves, which are small. Low or deep pitched sounds create long slow waves vs. higher pitched sounds which creates lots of fast waves in the same amount of time.



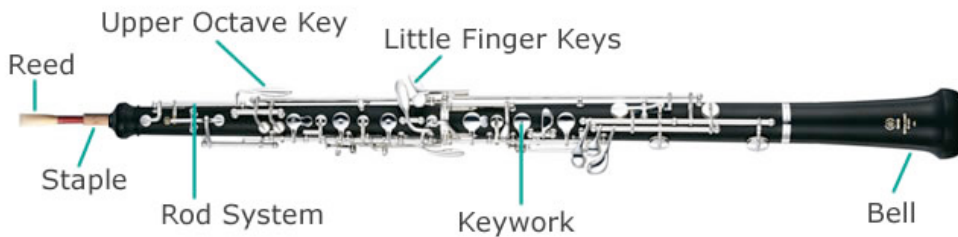
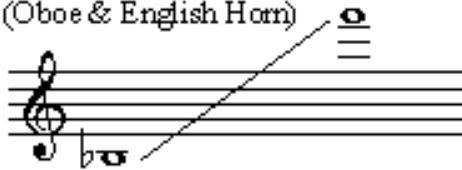
The Natural Harmonic Series - these are most of the notes possible on a horn, without employing hand-horn technique or valves.

The overtone series on a horn



Cane growing in the fields before it is harvested to become reeds for woodwind instruments. The best cane grows in the fields of Southern France.

WRITTEN RANGE  
(Oboe & English Horn)



The Oboe



The reed making process starts with a piece of tube can (far left) that is then cut, gouged and shaped to personal player specifications. The cane piece is then tied with string to a cork or metal staple to form a reed blank. Using very sharp knives, the blank is scraped into a finished reed.



The Oboe

The French horn originated in **Germany** and the English horn originated in **France**. The oboe also originated in France.

**MUSIC**  
*expresses that which cannot be put into words and that which cannot remain silent*



French Horn

Cor Anglais