

Other musical instruments - string, brass, piano, harp



Stringed instruments

The pitch generated by a string depends on the length of the string and the tension it is under. Tuning a cello, for example, is done by finely adjusting the tension in each string.

Notes higher than the basic note generated by a string are created by the musician shortening the effective length of the string with a finger.

Brass instruments

The pitch generated by a brass instrument depends on the length of the section of tube in a similar way to organ pipes. The most obvious one is the trombone where the player lengthens or shortens the pipe as required. Trumpets etc have a series of valves which select different lengths of pipe depending on what note is required.



Pianos and harps

These have a complete set of strings to generate all the notes within the compass of the instrument.