

# Tallulah Plays the Tuba

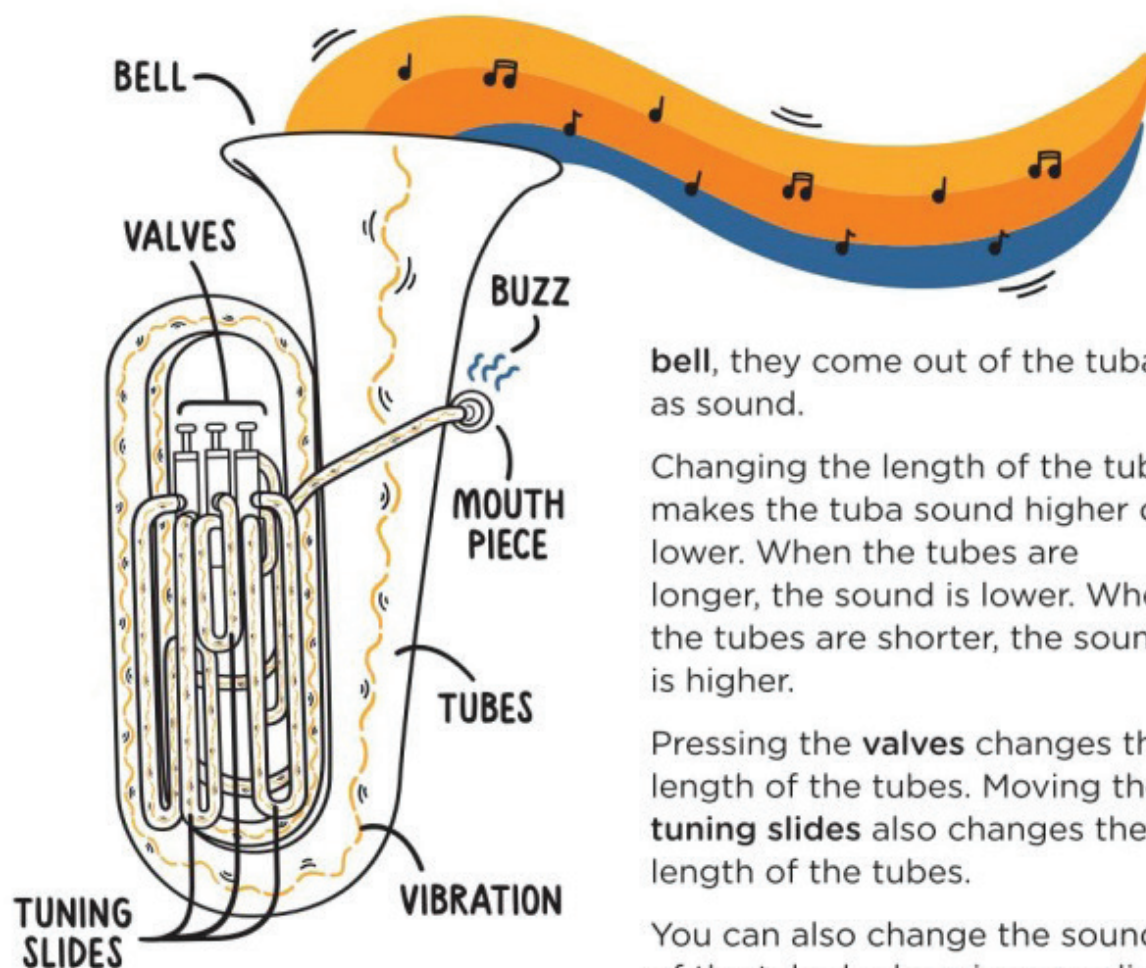
## MEET THE TUBA

STRINGS

BRASS

WINDS

PERCUSSION



**bell**, they come out of the tuba as sound.

Changing the length of the tubes makes the tuba sound higher or lower. When the tubes are longer, the sound is lower. When the tubes are shorter, the sound is higher.

Pressing the **valves** changes the length of the tubes. Moving the **tuning slides** also changes the length of the tubes.

You can also change the sound of the tuba by buzzing your lips faster or slower!

The tuba is the largest and lowest sounding member of the brass family. It takes a lot of air to play the tuba because it is so big!

The tuba makes sound by buzzing into a **mouthpiece**. The air creates vibrations that bounce around inside the tuba.

The vibrations travel through long **tubes**. When they reach the

A standard tuba weighs 20–30 pounds. Marching band tubas are even heavier! If you unraveled the tuba, it would be about 18 feet long. That is as tall as a giraffe!

