

Max's Masterclass: The Science of Singing

Tune your voice and find your rhythm – let's explore the magic of song!

- **Posture is vital for singers; standing tall helps your diaphragm expand fully so you can take deep, controlled breaths.**
- **Pitch refers to how high or low a note sounds, which is controlled by how tightly your vocal cords are stretched.**
- **Resonance happens when the sound of your voice vibrates in your chest, throat, and head to make your singing tone richer and louder.**
- **A healthy singer always warms up their voice with gentle scales to prepare their muscles before singing a full song.**
- **Tempo is the speed of the music; a good singer must listen carefully to the beat to keep their melody in time with the group.**

Did you know? Did you know? Your vocal cords are actually two tiny folds of muscle in your throat! When you breathe out, air rushes past them, causing them to vibrate like the strings on a guitar. This vibration is what creates the sound of your voice.

Key vocabulary: Pitch · Posture · Diaphragm · Vocal cords · Resonance · Tempo