MUSICAL TALES

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Introduction Sound, Tone and Noise

"Where words fail, music speaks."

Hans Christian Andersen

Many, many years ago, In a world where no one could talk, There lived a big family with two sons. However, this family was unlike any other.

It was very different, because the father and two sons had extraordinary qualities and extraordinary names.

The father was called **Sound**.

Sound's entire body always vibrated when he told tales. He could not speak, but when the time came for telling tales in the evening, he told the most incredible stories ever. It so happened that Sound made noises when telling his tales. That is why the whole family loved gathering around him at night and listening to his tales.

Sometimes however, while Sound was

telling his tales, his older son stepped in, but with **small background melodies**. He was called **Tone**,

Sound – a mechanical wave with periodic vibration and perceived by the ear as sound.

Tone – a sound with certain vibration frequency



Ludwig van Beethoven, portrait by V. Maler, 1804

He heard sounds – sounds with a certain **frequency**.

Due to his capacity to hear sounds with a certain frequency, he was called Tone. Tone was the merriest exactly when he started singing his melodies. However, it was not only songs he reacted to, he also recognized the voices of musical instruments – **Timbre**.

Frequency – a phenomenon measuring the number of repetitions for a unit of time.

Timbre – the quality that differentiates musical instruments or voices. Also called "colour".

He heard sounds with certain frequencies, but also **their characteristics**. He could hear the **Pitch**

Pitch – the place where a tone is marked.

of sound and how long it lasted – **Duration**.

Duration – the time for which a tone sounds.



Portrait of Wolfgang Amadeus Mozart (Image: Getty Images/Guliver Photos)

The second son in the family was very different from all.

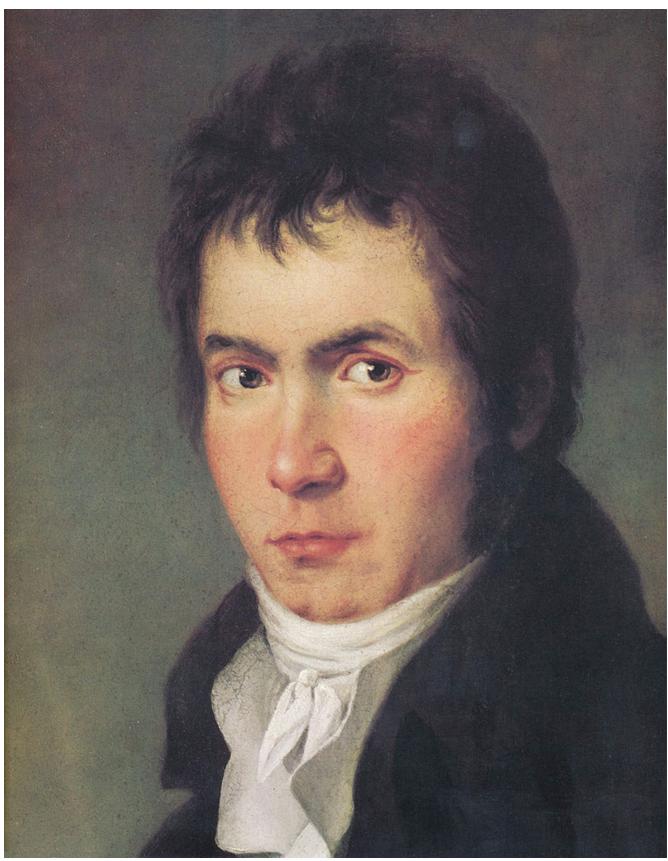
So hot-tempered and untamable that once he heard Tone's **melody** or his father's tales, he immediately started various inconsistent actions.

Melody - (tune) is what makes music pieces unique. It is the most memorable part of a music piece.

He clapped his hands, tapped his feet, scratched his head, pushed various objects, made various movements. He created the most intolerable sounds and that is why he was called **Noise**.

Noise – sound with variable vibration frequency.

They were all very different from one another, but still loved each other and leaved peaceful and prosperous until the end of day.



Ludwig van Beethoven, portrait by V. Maler, 1804

Characters:

Sound

Tone

Noise

Frequency

Melody

Timbre

Pitch

Duration

АЛЬБОМ ПЕСЕН ДЛЯ ЮНОШЕСТВА

LIEDERALBUM FÜR DIE JUGEND

Der Abendstern

Вечерняя звезда г. фаллерслебен

H. von FALLERSLEBEN

Co4. 79, №1





Roses in a Glass Vase 1883 Mane