

Chapter 1

Fundamentals

Definition 1 (Pitch) *Pitch is the property of the sound which allows a relative ordering of perceived sounds on a frequency-related scale.*

On a keyboard, pitch goes up to the right of the keyboard, while it goes down on the left.

Pitches are expressed through **notes**. There are 7 note names, which are repeated in **octave registers**, identified by the bottom number.

$$A_3 B_3 \underbrace{C_4 D_4 E_4 F_4 G_4 A_4 B_4}_{\text{Octave register 4}} C_5 D_5$$

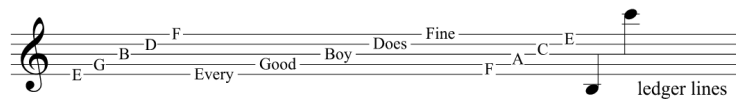


Figure 1.1: Treble clef

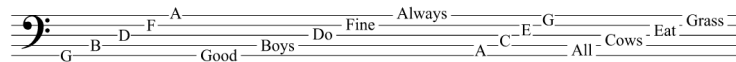


Figure 1.2: Bass clef