
The Qualities of Sound

Los Cualidades de Sonido

1 and 2 ESO
October 2022

Pitch

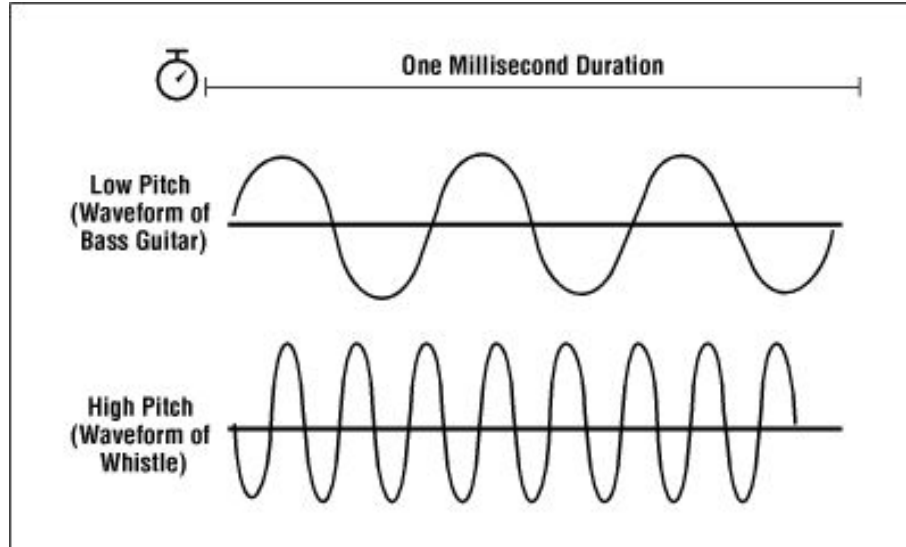
1 and 2 ESO
October 2022

Pitch - Listen to the sounds. Are they HIGH or LOW?

1. Blow across a bottle of water
2. Play notes on a Xylophone
3. Is it high or Low? - Listening
4. Higher or Lower? - Listening

Vibrations

1. Slower vibrations create **LOW** pitch sounds
2. Faster vibrations create **HIGH** pitch sounds



Let's practice! - Animal Sounds

Name the Animal. Is the pitch HIGH or LOW?

1. Cow - Low
2. Cat - High
3. Lion - Low
4. Bird - High
5. Dog - Low

Quiz! - More Sounds

Name the sound. Is the pitch HIGH or LOW?

1. Whistle - high
2. Horn - low
3. Duck - low
4. Cow - low
5. Ambulance / Police - high
6. Drum - low
7. Cat - high
8. Knock - low
9. Santa Claus - low
10. Xylophone - high

Duration

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Duration - Long or Short?

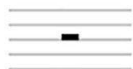
Note

Rest

whole note



half note



quarter note



eighth note



sixteenth note



thirty-second note



1. Whole note - 4 beats

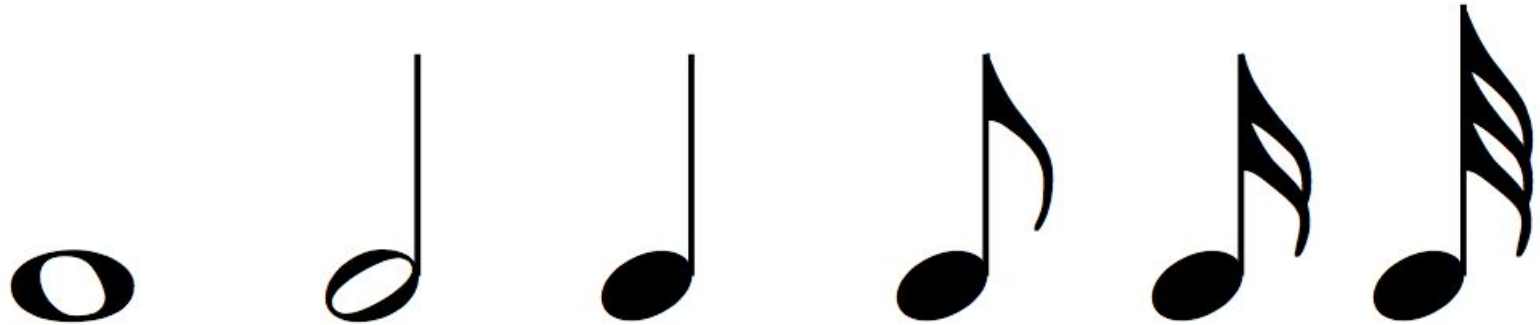
2. Half note - 2 beats

3. Quarter note - 1 beat

Duration - Let's listen

Listen to each note's duration

Duration - Which is the longest? Which is the shortest?
What is each note called?



Intensity

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Intensity - What is it?

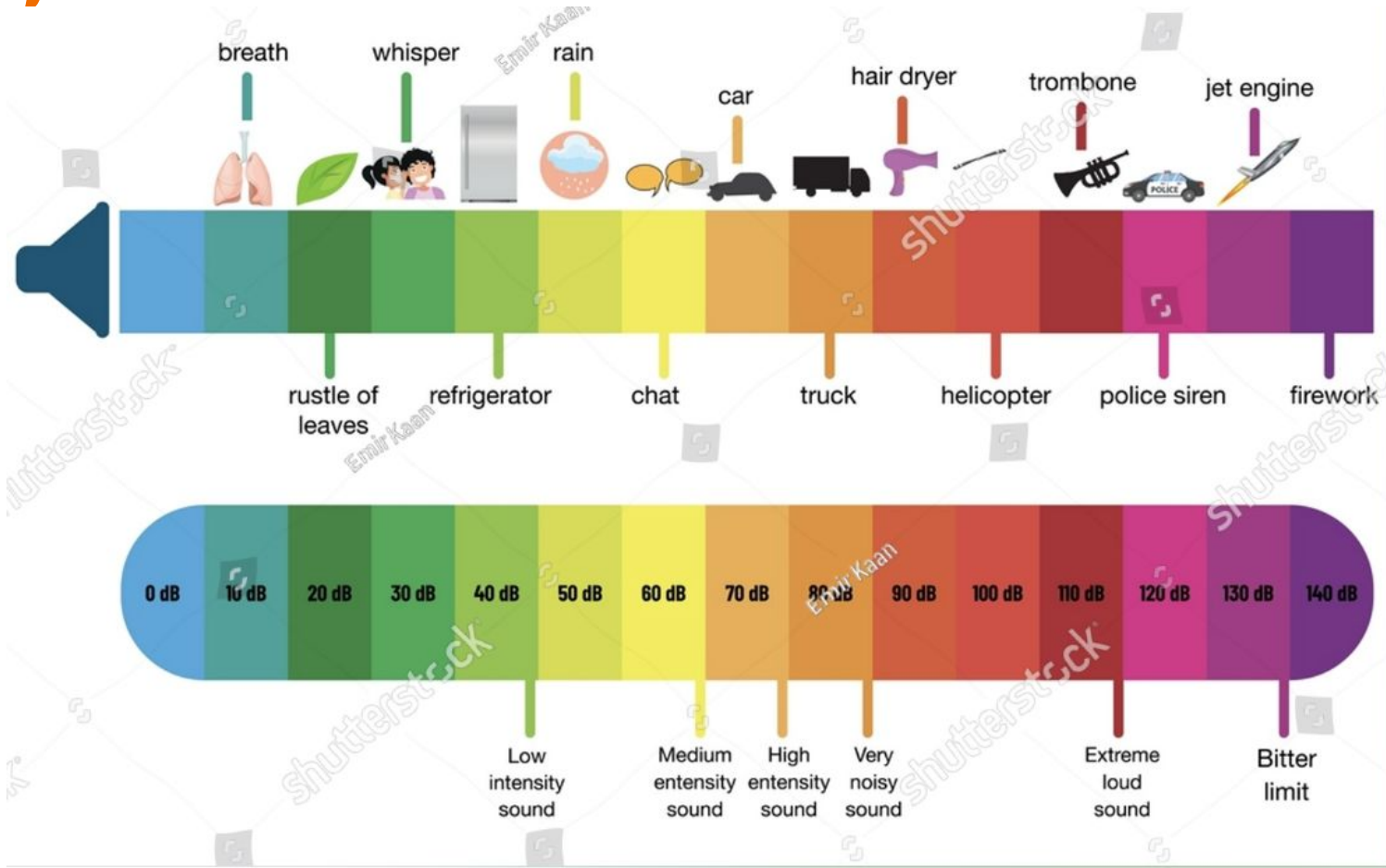
- Intensity is how **LOUD** or **SOFT** a sound is
- What is a synonym for **Intensity**?
- What are examples of **LOUD** sounds?
- What are examples of **SOFT** sounds?

Intensity - Order from LOUDEST to SOFTEST

- Lawnmower
- Vacuum
- Dishwasher
- Jackhammer
- Whisper
- Airplane
- Rain



Intensity - How is it measured?



Intensity - Symbols in Music

What do they mean?

mp

pp

ff

p

mf

f

Intensity Symbols

Intensity - Put the symbols in order from LOUDEST to SOFTEST. Do you remember what they mean?

mp *pp* *p*
ff *mf* *f*

Intensity - Let's Listen

Mozart - The marriage of Figaro

STAND UP when the music is **loud**

SIT DOWN when the music is **soft**

Timbre

1 and 2 ESO
2022 - 2023

Timbre - What is the sound? Where does it come from?

1. Timbre can be different voices or instruments
 - a. Violin, Piano, Trumpet, Drum, Car horn,
Dog barking

Guess The Sound

1. Use your fingers to choose 1, 2, or 3

Guess The Sound

Let's Listen - Number 1 to 20

Guess the instrument

Let's Listen - Number 1 to 20

Guess the instrument

Word Bank:

Recorder - Harp - Violin - Mandolin - Guitar - Bass - Clarinet

Tuba - Bagpipe - Saxophone - Trumpet - Triangle - Trombone

Drum - Cowbell - Xylophone - Piano - Organ - Gong - Harmonica

SUMMARY - QUALITIES OF SOUND

- Each sound possess the 4 qualities we learned.
 - **COW**
 - Pitch: LOW
 - Duration: LONG
 - Intensity: LOUD
 - Timbre: cow “moo”
 - **FLUTE**
 - Pitch: HIGH
 - Duration: LONG or SHORT, depending on the musical note assigned
 - Intensity: SOFT (usually)
 - Timbre: Flute