



KEY VOCABULARY

Vibration

A **back-and-forth movement**. Vibrations are essential for us to hear sound

Sound waves

A **wave of vibrations** that move through the air when a sound is made, carrying the sound to our ears

Pitch

How **high or low** a sound is

Volume

How **loud or quiet** a sound is

Larynx

The **larynx**, or **voice box**, is in our throat. The larynx vibrates to make sound

Ear drum

**Skin barrier** between your outer and inner ear

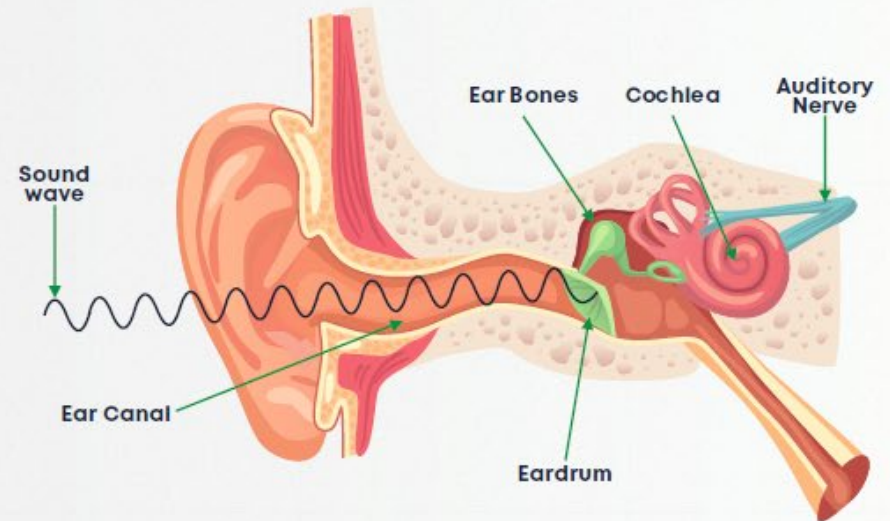
Break the sound barrier

When an object **begins to travel faster than sound**

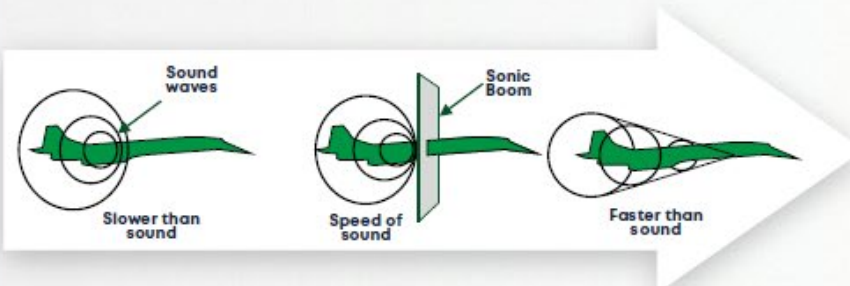
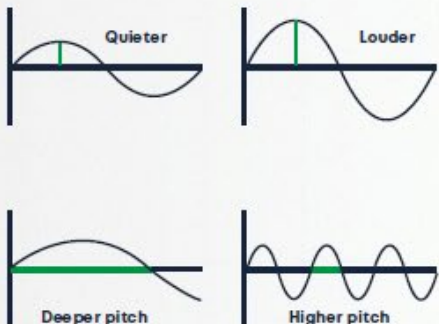
Supersonic

**Travelling faster than sound**

### A cross-section of the ear



### Sound waves



The sound barrier; if an object travels faster than sound we would see it, then hear it afterwards.

### Concorde

