PHYSICS: P1.2 Sound

Assessment = ★

Assessment & Review

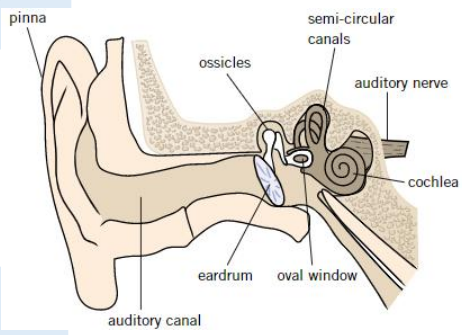
★ Review of learning

Apply:
P1-3 Light
SP4 Waves
SP5 Light and the electromagnetic spectrum

Revision

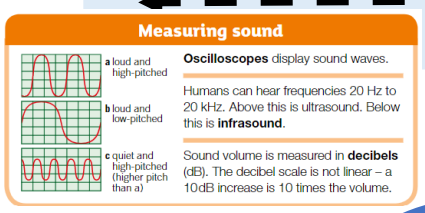
Retrieval, keyword definitions and equation practice.

How can ultrasound be used to see an image of an unborn baby?



Echoes and ultrasound

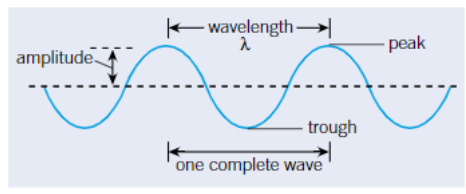
Describe what ultrasound is and what it can be used for.



Detecting sound

Describe how human hearing works and how it can be damaged by loud noises

How do we hear sounds?



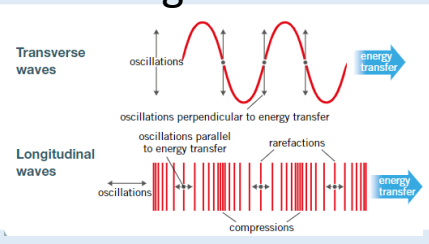
Loudness and pitch

Describe the links between loudness and pitch, and frequency and pitch

Sound and energy transfer

Describe how waves are produced and how they travel.

What travels faster, light or sound?



Waves

Introduction to the different types of waves and their behaviors.

What are waves?

Retrieve:
Year 4 - Sound

Key terms

Make sure you can write definitions for these key terms.

amplify *amplitude* *oscilloscope* *auditory canal* *oesicle* *auditory nerve* *oval window* *cochlea* *peak* *compression* *pinna* *decibel* *pitch* *diaphragm* *rarefaction* *eardrum* *reflected* *frequency* *semi-circular canal* *hertz* *superpose* *incident wave* *transverse* *infrasound* *trough* *longitudinal* *ultrasound* *oscillation* *vibration* *wavelength*