absorption (absorbed) ab / sorp / tion	**When energy is** Transferred from sound or other waves to a material.
amplitude am / pli / tude	**Maximum amount of vibration** Measured from middle position of wave. Usually measured in metres.
angle of incidence an / gle in / ci / dence	**Between** Normal and incident ray.
angle of reflection an / gle re / flec / tion	**Between** Normal and reflected ray.

concave con / cave	**Lens that is** Thinner in middle Spreads out light rays

continuous con / tin / u / ous	**Variable where** Values can be any value.

convex con / vex	**Lens that is** Thicker in middle Bends light rays towards each other

crest	Top of a wave

echo ec / ho	**Reflection of** Sound waves from surface back to listener

filter fil / ter	**Piece of material** Allows some radiation (colours) through but absorbs the rest.

frequency fre / quen / cy	**Number of waves** Produced in one second, in hertz.

law of reflection re / flec / tion	**Angle of incidence** Equal to angle of reflection.

longitudinal wave lon /gi / tu / di / nal wave	**Direction of vibration** Same as the wave

luminous lu / mi /nous	**Gives out light**

opaque o / paque	**Material that** Allows no light to pass through it

peak	Top of a wave

pitch	**How high or low a sound is** Low (high) pitch sound has low (high) frequency

reflect (reflection)	**Change in direction of** Light or sound when it hits boundary and bounces back.

refraction re / frac / tion	**Change in direction of** Light going from one material into another.

translucent trans / lu / cent	**Material that** Allows some light to pass through it

transparent trans / pa / rent	**Material that** Allows some all light to pass through it

trough	Bottom of a wave

ultrasound ul / tra / sound	**Sound at a frequency** Greater than 20 000 Hz Beyond range of human hearing

vacuum	**Space with** No particles of matter in it.

vac / cuum	

vibration vi / bra / tion	**Back and forth motion** That repeats.

wavelength wave / length	**Distance between** Two corresponding points on wave in metres