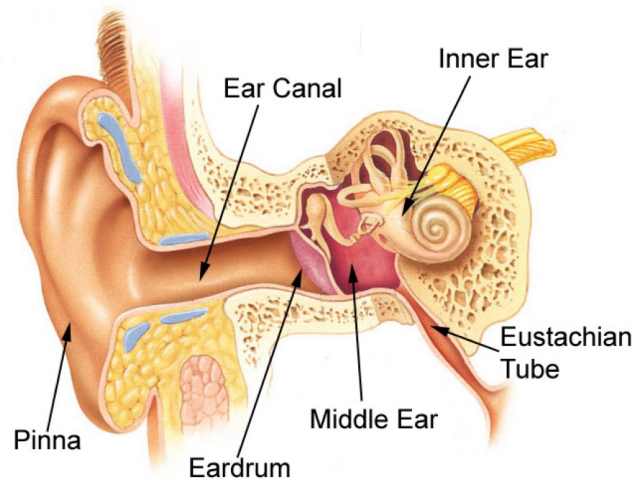
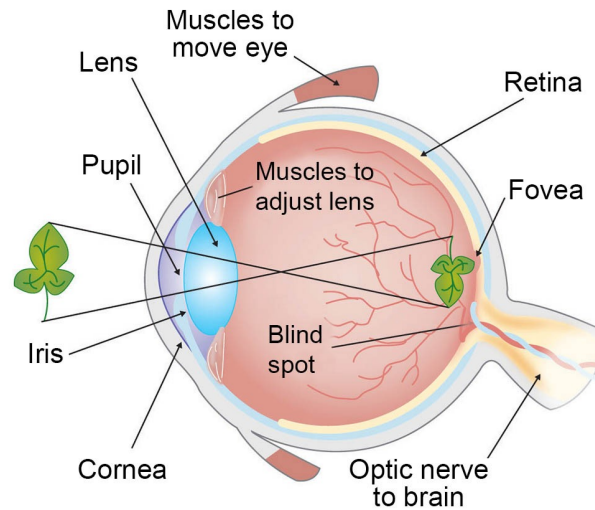


How do we hear? How do we see?

Year 4 Term 1 2021

Key vocabulary—light	
Transparent	A material that allows light to pass through so that items behind can be seen.
Opaque	Light can not pass through an opaque material so you can not see through it.
Translucent	Some light can travel through a translucent materials so you can see a little through it.
beam	A stream of light travelling in one
reflection	Light bouncing off an object.
spectrum	The range of colours made by
Visible	The range of colours we can see.



Key vocabulary—sound	
echo	Reflection of a sound.
amplifier	A device that increases the
Decibel	Unit of measurement of how
Vibration	Moving back and forth rapidly.
Volume	How loud or quiet a sound is.
Sound wave	sound travels in a wave, which is a moving pattern of high and low pressure or vibrations
pitch	how high or low a sound is; determined by the frequency of the vibration

Key Scientist -

Alexander Graham Bell

Scottish born scientist (1847) who invented the telephone in 1876 at the age of 29. He formed the Bell Telephone Company in 1887.

