Flow charts of pathway of sound and light

**Sound energy through ear**

External Auditory Canal → tympanum → malleus → incus → stapes → oval window membrane → perilymph in vestibular duct* → endolymph in cochlear duct → basilar membrane → Hair cell in organ of Corti → cochlear nerve

* Alternative route from: perilymph in vestibular duct → helicotrema → tympanic duct → round window membrane → deadens the earlier sound.

**Light Energy in Eye**

Cornea → aqueous humor → pupil → lens → vitreous humor → cone and rod cells → action potential → bipolar cell → ganglion cell → optic nerve

**Important:** refer the figures of ear and eye in text book or lab manual.