

SPECIAL SENSES

Locate the following structures on the appropriate model or diagram. Understand the function of each.

Eye

- _____ extrinsic muscles
 - _____ superior rectus
 - _____ inferior rectus
 - _____ medial rectus
 - _____ lateral rectus
 - _____ superior oblique
 - _____ inferior oblique
 - _____ orbicularis oculi
 - _____ levator palpebrae superioris
- _____ orbital cavity
- _____ conjunctiva
- _____ lacrimal gland
- _____ sclera
- _____ cornea
- _____ choroid
- _____ iris
- _____ pupil (circular & radial muscles)
- _____ ciliary body
 - _____ ciliary muscle
 - _____ ciliary processes
 - _____ zonula fibers (suspensory ligaments)
- _____ anterior cavity
 - _____ anterior chamber
 - _____ posterior chamber
- _____ aqueous humor
- _____ vitreous chamber (posterior cavity)
- _____ vitreous humor
- _____ lens
- _____ retina
- _____ optic nerve
- _____ optic disc (blind spot)
- _____ macula lutea
- _____ fovea centralis

Ear

- _____ external ear
 - _____ auricle (pinna)
 - _____ external auditory meatus
- _____ middle ear
 - _____ tympanic membrane
 - _____ tympanic cavity
 - _____ malleus
 - _____ incus
 - _____ stapes
 - _____ oval window
 - _____ auditory tube (eustachian tube)
- _____ inner ear
 - _____ osseous labyrinth
 - _____ membranous labyrinth
 - _____ semicircular canals
 - _____ ampulla
 - _____ crista ampullaris
 - _____ vestibule
 - _____ utricle
 - _____ saccule
 - _____ macula
 - _____ basilar membrane
 - _____ cochlea
 - _____ cochlear duct (scala media)
 - _____ endolymph
 - _____ organ of Corti
 - _____ perilymph
 - _____ receptor hairs
 - _____ round window
 - _____ scala tympani
 - _____ scala vestibuli
 - _____ tectorial membrane
 - _____ vestibular membrane
- _____ vestibulocochlear nerve (auditory nerve)
- _____ vestibular branch of nerve VIII
- _____ cochlear branch of nerve VIII
- _____ temporal bone
- _____ pharynx