**Learning Exercises: Special Senses (Eye & Ear)**

|  |  |  |
| --- | --- | --- |
| ***Ear Component*** | ***External, middle or inner ear?*** | ***Function*** |
| External Auditory Canal |  |  |
| Cochlear Duct |  |  |
| Oval Window |  |  |
| Tympanic Membrane |  |  |
| Auricle |  |  |
| Auditory Ossicles |  |  |
| Auditory (Eustachian) Tube |  |  |
| Semicircular Ducts |  |  |
| Utricle and Saccule |  |  |

**Ear**

|  |  |  |
| --- | --- | --- |
| ***Inner Ear Component*** | ***Bony or membranous labyrinth?*** | ***If part of membranous labyrinth, then in what part of the bony labyrinth does it reside?*** |
| Semicircular Canal |  |  |
| Cochlear Duct |  |  |
| Utricle |  |  |
| Cochlea |  |  |
| Vestibule |  |  |
| Saccule |  |  |
| Semicircular Duct |  |  |
| Scala Vestibuli |  |  |
| Scala Tympani |  |  |

**Eye**

|  |  |  |
| --- | --- | --- |
| ***Eye Component*** | ***Fibrous, vascular, or neural tunic?*** | ***Function*** |
| Pigmented Layer of Retina |  |  |
| Ciliary Body |  |  |
| Fovea Centralis |  |  |
| Sclera |  |  |
| Iris |  |  |
| Neural Layer of Retina |  |  |
| Choroid |  |  |
| Cornea |  |  |

**Extrinsic Eye Muscles**

|  |  |  |
| --- | --- | --- |
| ***Eye Muscle*** | ***Function*** | ***Which nerve innervates it?*** |
| Superior Rectus |  |  |
| Inferior Rectus |  |  |
| Medial Rectus |  |  |
| Lateral Rectus |  |  |
| Superior Oblique |  |  |
| Inferior Oblique |  |  |