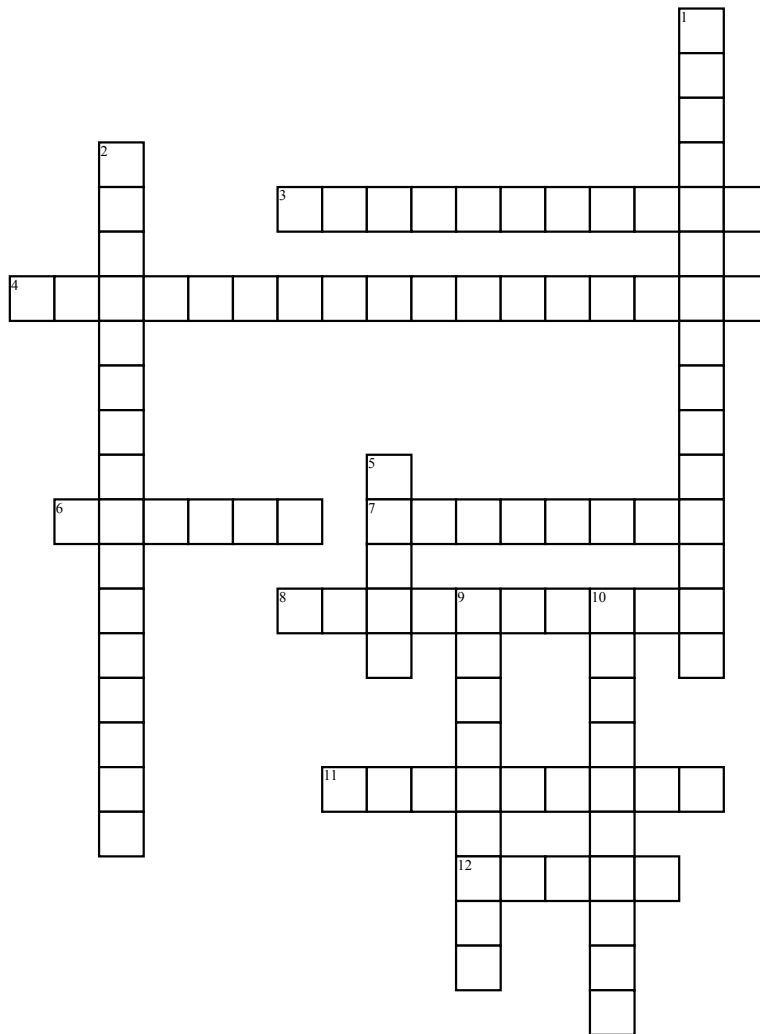


Cranial Nerves Presentation



Across

- 3.** Motor fibers control tongue movements / Sensory fibers carry impulses from the tongue
- 4.** Purely sensory / This branch transmits impulses for the sense of balance, and cochlear branch transmits impulses for the sense of hearing
- 6.** Activates the muscles of facial expression and the lacrimal and salivary glands / Carries sensory impulses from the taste buds of anterior tongue
- 7.** Supplies motor fibers to the lateral rectus muscle, which rolls the eye laterally

- 8.** Supplies motor fibers to four of the six muscles that direct the eyeball; to the eyelid; and to the internal eye muscles controlling lens shape and pupil size

- 11.** Supplies motor fibers for one external eye muscle

- 12.** Purely Sensory / Carries impulses for vision

Down

- 1.** Mostly motor fibers that activate the sternocleidomastoid and trapezius muscles
- 2.** Supplies motor fibers to the pharynx (throat) that promote swallowing and saliva production / Carries sensory impulses from taste buds of the posterior tongue and from pressure receptors of the carotid artery

- 5.** Fibers carry sensory impulses from motor impulses to the pharynx, larynx, and the abdominal and thoracic viscera / Most motor fibers are parasympathetic fibers that promote digestive activity and help regulate heart activity

- 9.** Purely sensory / Carries impulses for the sense of smell

- 10.** Conducts sensory impulses from the skin of the face and mucosa of the nose and mouth / Contains motor fibers that activate the chewing muscles

Word Bank

Glossopharyngeal	Abducens	Trigeminal	Hypoglossal
Facial	Olfactory	Vagus	Optic
Vestibulocochlear	Spinal Accessory	Trochlear	Oculomotor