# Cranial Nerve Function

There are 12 cranial nerves, which have nuclei located in the tegmentum of the brain stem. These nerves classified as either sensory, motor, or both.




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## Sensory

**CN I**
Number (1) Foam-finger and Nose
CN I, the olfactory nerve, relays smell.

**CN II**
(2) Tutu with Optics
Cranial nerve II, the optic nerve, conveys sight.

**CN VIII**
(8) Ball Headphones
Cranial nerve VIII, the vestibulocochlear nerve, propagates the sensation of sound, but also helps sense balance.

## Motor

**CN III**
(3) Trident with Eye
Cranial nerve III, the oculomotor nerve, helps the eye move, while allowing pupillary constriction, accommodation, as well as eyelid opening.

**CN IV**
(4)x4 Truck
Cranial nerve IV, the trochlear nerve, innervates the superior oblique muscle, helping the eye rotate medially.

**CN VI**
Mr. (6) Pack
The abducens nerve, CN VI, innervates the lateral rectus. This helps the eye abduct and move laterally.

**CN XI**
(11) Wheelchair
The accessory nerve, CN XI, which helps the motor functions of shoulder shrugging (trapezius muscle) and head turning (sternocleidomastoid muscle).

**CN XII**
V(12) Motor on Hippo-glass
CN XII, the hypoglossal nerve, allows tongue movement.

## Both

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**CN V**

(5) Face

The trigeminal nerve, CN V, conveys facial sensation and anterior tongue somatosensation. It also has motor function to allow mastication.

**CN VII**

(7) Facial-lotion

The facial nerve, CN VII, conveys the sensation of taste from the anterior tongue. It also has motor functions of facial movement, eyelid closing, movement of the stapedius muscle, lacrimation and salivation.

**CN IX**

(9) Lollipop

The glossopharyngeal nerve, CN IX, conveys the sensation of taste from the posterior tongue, and senses carotid pressure. It has the motor functions of allowing swallowing and innervating the stylopharyngeus muscle.

**CN X**

Vegas (10) Sign

The vagus nerve, CN X, senses taste from the epiglottis and monitors aortic arch receptors. It has motor functions of allowing swallowing, soft palate elevation, talking and coughing.

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