

Neurocranium

- bony protective casing of brain

- **Frontal** - front / forehead

supraorbital, nasal divisions

- **Parietal** - roof & sides of skull

sutures: sagittal, coronal, lambdoid, and squamosal

- **Temporal** - base and sides

external acoustic meatus
carotid canal (carotid artery passes)
stylomastoid foramen (facial nerve passes)
zygomatic and styloid processes

- **Occipital** - base & rear

foramen magnum

- **Sphenoid**

optic canal (optic nerve passes)
superior orbital fissure
inferior orbital fissure

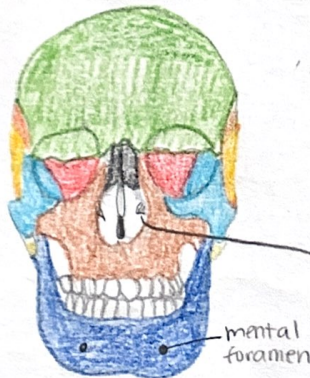
- **Ethmoid** - separates brain & nasal cavity

spongy, lightweight
roof of nose between two orbits

Sutures

- rigid joints between bones of neurocranium

THE SKULL



Types of Teeth

- incisors (near midline)
- canines (posterior to incisors)
- premolars (posterior to canines)
- molars (posterior to premolars, grinding)

Viscerocranium

- facial skeleton

- **Lacrimal**

form medial wall of orbit
2 smallest bones located in face

- **Vomer**

part of the nasal septum
(along w/ perpendicular plate of ethmoid)

- **Maxilla** - upper jaw

bed of upper teeth, floor of nose, base of orbits
infra-orbital foramen

- **Zygomatic** - cheeks

zygomatic arch

- **Nasal** - bridge of nose

- **Mandible** - lower jaw

temporomandibular joint
(only non-sutured joint in skull)

- **Inferior Concha**

increase surface area of nasal cavity, increasing air amount and filtering, humidifying air

Peyton Liebhardt