**The Skull Guided Notes**

1. \_\_\_\_ total bones

Functions to:

* + Protects Vital \_\_\_\_\_\_\_\_\_\_\_\_\_
  + Provides areas for \_\_\_\_\_\_\_\_\_\_\_\_\_\_ attachment

Composed of:

1. Skull and facial bones (\_\_\_\_\_)

2. Thoracic Cage: sternum and ribs (\_\_\_\_\_)

3. Vertebral Column (\_\_\_\_\_)

2. **Cranium** = houses \_\_\_\_\_\_\_\_\_\_\_\_

**Facial bones** = protect/support \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ entrances

**Foramen** = \_\_\_\_\_\_\_\_\_ for nerves and blood vessels

Two most important foramen you need to know: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ foramen and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ magnum

3. Major bones of the skull include:

* Frontal
* Parietal
* Occipital
* Temporal
* Sphenoid
* Maxilla
* Mandible – only \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ bone of the skull

4. The sphenoid bone is difficult to see. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ wing of the sphenoid makes up the side of skull, the front part of the bone makes up the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. In addition to skull bones, you will also be required to recognize some special markings of the skull bones

* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** - holesfor nerves and blood vessels (mental foramen and foramen magnum)
* **\_\_\_\_\_\_\_\_\_\_\_** – a projection or outgrowth of tissue from the body (styloid process, mastoid process, zygomatic process/arch)
* **\_\_\_\_\_\_\_\_\_\_\_\_** – a natural body opening or canal (external auditory meatus)
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** – The rounded projection on the articulated (where joints occur) end of a bone (occipital condyle)
* **\_\_\_\_\_\_\_\_\_\_\_\_** – any part that branches from another part (ramus of the mandible)
* **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** - an indentation on the edge of a bone (Mandibular notch)

6. Sutures are interconnections between bones

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = parietal + occipital
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ = 2 parietal bones
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ = frontal + parietal
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = Temporal + Parietal


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7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are spaces between the bones of the skull in an infant or fetus, where \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is not complete and the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are not fully formed (“\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_” of infant’s skull). Sutures will not completely fuse until about \_\_\_\_\_ years old.

8. The sinus is a moist, \_\_\_\_-filled chamber. It produces \_\_\_\_\_\_\_\_\_\_\_\_ to filter air and make the bones \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. It also plays a role in how our \_\_\_\_\_\_\_\_\_\_\_\_\_\_ sound.