**Skeleton of the temporal region:**

* Superior and inferior temporal line
* Temporal fossa
* Zygomatic arch
  + Zygomatic process of temporal bone
  + Temporal process of zygomatic bone
* Mandibular fossa and articular tubercle
* Mendible (lateral view)
  + Head
  + Neck
  + Mandibular notch
  + Coronoid process
  + Ramus
  + Angle
* Mendible (internal surface view)
  + Lingula
  + Mandibular foramen
  + Mylohyoid groove
* Bones of infratemporal fossa (lateral view)
  + Pterygomaxillary fissure
  + Inferior orbital fissure
  + Infratemporal surface of Maxilla
  + Greater wing of sphenoid bone
    - Foramen ovale
    - Foramen spinosum
  + Lateral plate of pterygoid process
  + Pterygopalantine fossa
  + Sphenopalantine foramen
* Bounderies of infratemporal fossa:
  + Lateral- ramus of mandible
  + Anterior- infratemporal surface maxilla
  + Medial- lateral plate of pterygoid process
  + Roof- greater wing of the sphenoid

Masseter Muscle

**Temporal region**

* Boundaries of temporal fossa
  + Superior and posterior- superior temporal line
  + Aterior- frontal and zygomatic bone
  + Inferior- zygomatic arch superficially and infratemporal crest of sphenoid bone
  + Deep- frontal, parietal, temporal, and sphenoid bones
  + Superficial- temporal fossa
* Temporalis muscle

**Infratemporal fossa**

* Boundaries
  + Lateral- ramus of mandible
  + Anterior- infratemporal surface maxilla
  + Medial- lateral plate of pterygoid process
  + Roof- greater wing of the sphenoid
* Inferior alveolar nerve and vessels
* Madibular clanal
* Mandibular teeth
* Mental nerve
* Maxillary artery-
  + Middle meningeal artery
  + Deep temporal arteries (anterior and posterior)
  + Masseteric artery
  + Inferior alveolar artery
  + Buccal artery
* Lateral pterygoid muscle
* Medial pterygoid muscle
* Inferior alveolar nerve
* Lingual nerve
* Chorda tympani
* Pterygopalatine fossa

**Temporomandibular Joint**

* Capsule of temporomendibular joint
* Temporomendibular ligament
* Superior synovial cavity
* Inferior synovial cavity