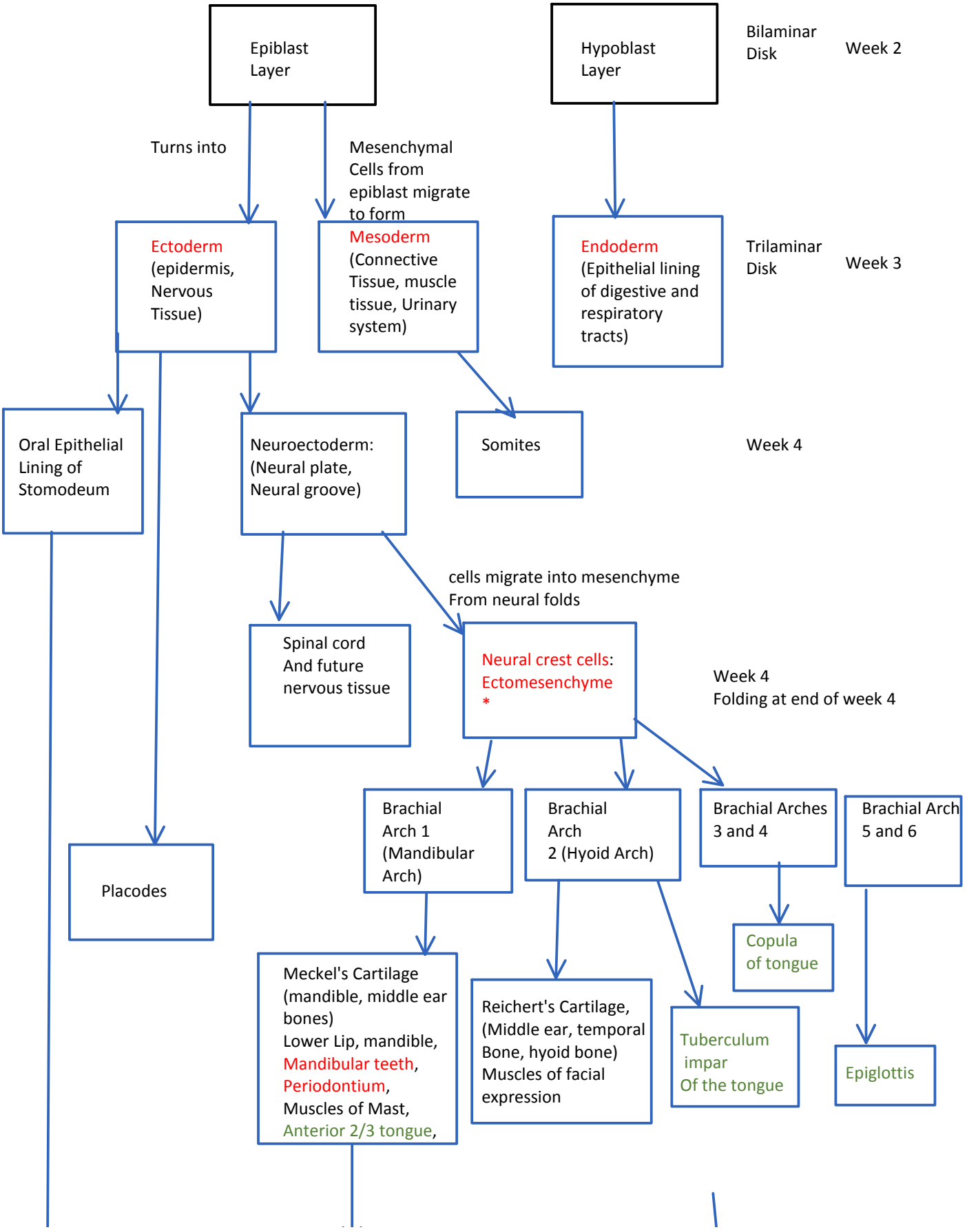
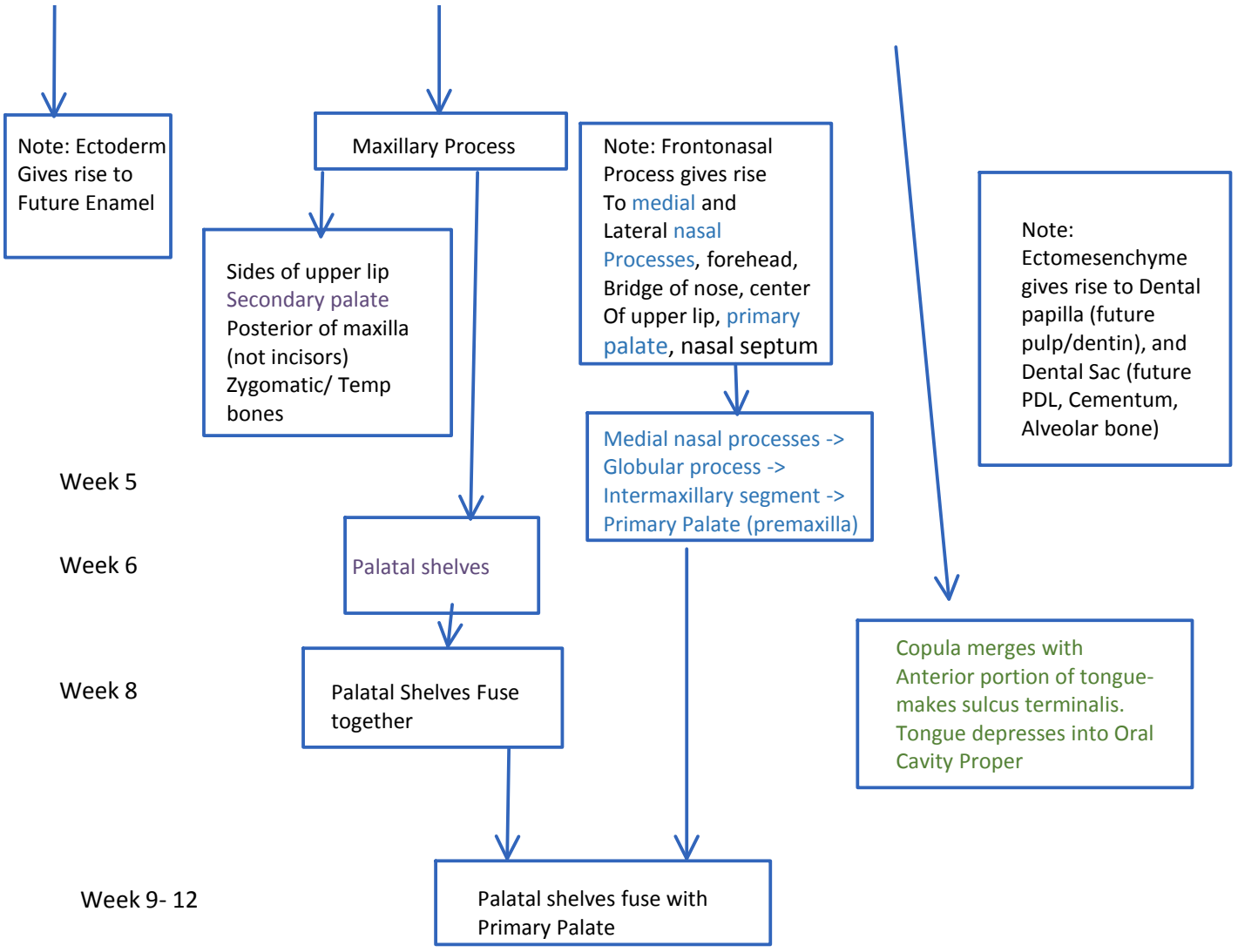
Embryology Concept Map




Note: Ectoderm Gives rise to Future Enamel
Maxillary Process
Note: Frontonasal Process gives rise To medial and Lateral nasal Processes, forehead, Bridge of nose, center Of upper lip, primary palate, nasal septum
Note: Ectomesenchyme gives rise to Dental papilla (future pulp/dentin), and Dental Sac (future PDL, Cementum, Alveolar bone)
Sides of upper lip
Secondary palate
Posterior of maxilla (not incisors)
Zygomatic/ Temp bones
Medial nasal processes ->
Globular process ->
Intermaxillary segment ->
Primary Palate (premaxilla)
Week 5
Week 6
Palatal shelves
Week 8
Palatal Shelves Fuse together
Copula merges with Anterior portion of tongue- makes sulcus terminalis. Tongue depresses into Oral Cavity Proper
Week 9- 12
Palatal shelves fuse with Primary Palate