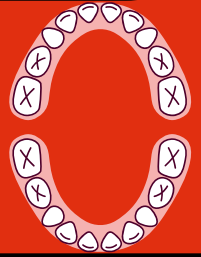




Specific Objectives by Chapter and Topic:

Upon Completion of each instructional unit, the student should be able to:



13. Chapter 13, Canines

- a. Identify the functions of a canine in relation to its shape.
- b. Summarize the calcification and root completion schedules in relation to the eruption dates of canines.
- c. Recognize the resemblance of canines to other anterior teeth.
- d. Reflect on how canines are different from other anterior teeth.
- e. Share with a peer the comparison of maxillary and mandibular canines and identify each.

14. Chapter 14, Premolars

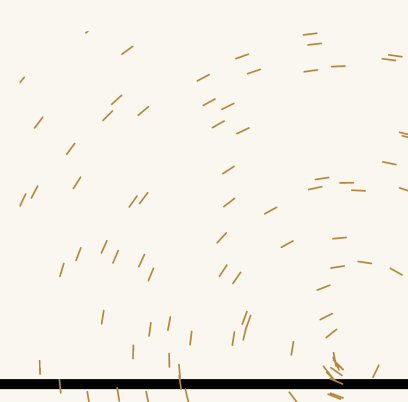
- a. Identify an extracted premolar as maxillary or mandibular, first or second, right or left.
- b. Discuss the major differences and similarities between maxillary first and second premolars.
- c. Examine the difference between maxillary and mandibular premolars.
- d. Describe briefly the various occlusal forms possible for a mandibular second premolar.
- e. Share with a peer about the various occlusal forms possible for a mandibular second premolar.

15. Chapter 15, Molars

- a. Identify each molar.
- b. Discuss the lobe formations of the crowns of molars.
- c. Examine the formations of the first, second, and third molars.
- d. Describe the details of the various molars.
- e. Share with a peer about the comparisons amount the various molars: Maxillary and Mandibular Molars.

16. Chapter 16, Deciduous Dentition

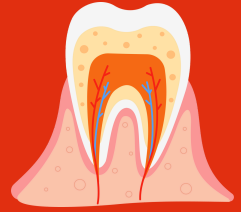
- a. Identify various deciduous teeth.
- b. Discuss whether a tooth is primary or secondary.
- c. Examine the eruption dates of primary and secondary teeth.
- d. Draw the differences between deciduous teeth and permanent teeth.
- e. Share with a peer about dental anatomic features of deciduous teeth.





Specific Objectives by Chapter and Topic:

Upon Completion of each instructional unit, the student should be able to:



17. Chapter 17, Basic Tissues

- a. Label a cell and the functions of its components.
- b. Define the function of epithelium and name the various types and their locations.
- c. Examine the components, function, and location of general connective tissue.
- d. Describe the three types of muscles and their functions, shapes, and locations.
- e. Share with a peer about the difference between all the basic tissues.

18. Chapter 18, Development of Orofacial Complex

- a. List the embryonic structures that form the face and discuss the approximate age of formation.
- b. Define the structures involved in the formation of the palate and the timing of its development.
- c. Examine the mechanism involved in the development of the palate.
- d. Describe the other structures arising from the pharyngeal arches.
- e. Participate in a group looking at the development of the cleft lip and palate.

19. Chapter 19, Dental Lamina and Enamel Organ

- a. Define the dental lamina and indicate in what embryonic week it is first seen,
- b. Describe the bud, cap, and bell stages of the enamel organ and the various layers found in each.
- c. Examine the successional and vestibular laminae.
- d. Draw the dental papilla, the dental sac, and their functions.
- e. Display an interest in your coloring book with coloring dental lamina and enamel organs.

20. Chapter 20, Enamel, Dentin, and Pulp

- a. Define the following terms: Interglobular dentin, dead tracts, and sclerotic dentin.
- b. Describe the role of the dental papilla in the formation of the enamel organ and the shaping of the crown.
- c. Examine the changes in the cells of the inner enamel epithelium (IEE) that allows them to become enamel-forming cells.
- d. Describe and classify pulp stones.
- e. Participate in a group differentiating between primary, secondary, and reparative dentin.