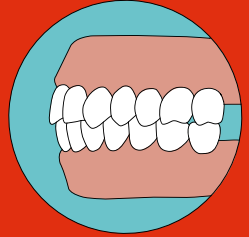




Specific Objectives by Chapter and Topic:

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



5. Chapter 5, Development, Form, and Eruption

- a. Identify the phenomena of medial drift, root resorption, and exfoliation.
- b. Discuss the periods of primary, mixed, and permanent dentition with a peer.
- c. Apply your knowledge by developing a chart of the tooth germs develop within the crypts.
- d. Differentiate between the eruption schedule of the deciduous and permanent teeth.
- e. Identify and explain key anatomical and developmental features including impacted teeth, congenitally missing teeth, attrition, the occlusal plane, and the curve of Spee.

6. Chapter 6, Occlusion

- a. List the muscle forces that affect the alignment of the teeth.
- b. Discuss how the mesial step, flush terminal plane, and distal step affect occlusal classifications.
- c. Examine overjet, overbite, crossbite, and open bite and how they occur.
- d. Analyze the relationship that exists between the teeth during protrusive and lateral excursive movements.
- e. Share with a peer about the maxillary to mandibular vertical and horizontal alignment of teeth and which molars play a key part in this.

7. Chapter 7, Dental Anomalies

- a. Identify dental anomaly.
- b. Discuss the difference hereditary and congenital factors
- c. Examine the various anomalies listed in this chapter.
- d. Analyze intrinsic and extrinsic factors.
- e. Reflect on dental anomalies with a peer.

8. Chapter 8, Supporting Structures

- a. Identify the components of the alveolar process.
- b. Discuss the relationship within the gingival unit, a supporting structure of the teeth.
- c. Examine the relationship of cementum, periodontal ligament, and alveolar bone.
- d. Understand how the fibers of the periodontal ligament function in tooth movement and shock absorption.
- e. Share with a peer about the components of the alveolar process.



Specific Objectives by Chapter and Topic:

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



9. Chapter 9, Clinical Considerations

- a. Name the theory of dental anatomy
- b. Discuss how preventive clinical situations are related to tooth form and supportive dental structures.
- c. Examine how occlusal trauma and natural shape and contour of the teeth can contribute to dental disease.
- d. Design a chart explaining the reliability of dental pain as a diagnostic aid.
- e. Share with a peer about tooth migration.

10. Chapter 10, Tooth Identification

- a. Name the landmarks to identify the incisors.
- b. Discuss the landmark to identify the canines.
- c. Examine how to use landmarks to identify the premolars.
- d. Reflect on how to use landmarks to identify the molars.
- e. Share with a peer how to correctly identify dentition.

11. Chapter 11, Root Morphology

- a. Identify the functions of the roots of the teeth.
- b. Discuss how the shape of the root affects the support of the tooth.
- c. Examine how the orthodontic tooth movement is possible.
- d. Reflect on how root shapes protect the health and hygiene of periodontal tissue.
- e. Share with a peer the anatomical differences between root canals.

12. Chapter 12, Incisors

- a. Name the particular anatomic features of incisors.
- b. Compare maxillary central incisors with maxillary lateral incisors.
- c. Examine an extracted incisor.
- d. Recognize the normal and deviated anatomic forms of incisors.
- e. Share with a peer comparison of the maxillary incisors with their mandibular counterparts.

