

# Anatomy and Physiology

FOR ENGLISH LANGUAGE LEARNERS

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## Chapter 2: The Regions of the Integument

Throughout the chapter, refer back to the building blocks of the body by asking students questions such as *Is skin an organ? A molecule? A tissue?* Challenge students to support their answers.

### Regions and accessory structures in the integument

Have students create an organizational outline for the integument. For example:

#### Integument

- I. Epidermis = Epithelial tissue
  - a. Keratin
  - b. Melanin
- II. Dermis = Connective tissue
  - a. Blood vessels
  - b. Hair follicles
  - c. Nerves & Sensory receptors
  - d. Glands:
    - i. Sweat Glands
    - ii. Sebaceous Glands
- III. Hypodermis = Adipose tissue

Using a diagram, make sure that students can locate and explain the functions of the following accessory structures in the integument: sweat glands, hair, sebaceous glands, nails, nerves, blood vessels.