Anatomy Food Demos: Snicker Skin

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**Purpose:**
To help visualize the structures and related functions of the skin.

**Materials Needed:**
- Mini Snickers ®
- Apples
- Worksheet
- Anatomy Textbook

**Guidelines:**
Help the students to visualize the structures of the skin. The cross-sections of the Snickers bars can be easily used by students to make analogies to the structure of the skin. It works best to remove the chocolate on the sides of the candy bar. The little snickers bars are perfect for students to use. Before the skin lecture, each student can receive a mini Snickers and relate the structure of the skin to the candy bar.

**Additional Information:**
Worksheets:
- The Skin (Pages 2 – 3)
- The Skin – ANSWER KEY (Pages 4 – 5)
The Skin

Part I. Unwrap your Mini Snickers® bar. With a plastic knife, remove the chocolate covering from both sides of the candy bar. Using your textbook, label the basic layers of the skin and indicate why the candy bar makes a good comparison to the skin.

The ________________ is the more superficial of the two layers comprising the skin. Histologically, it consists of stratified squamous epithelium. It is avascular, and is comprised of five named layers.

The ________________ is the deeper of the two layers comprising the skin. Histologically, the dermis consists of connective tissue with elastic and collagenous fibers.

The ________________ is also composed of adipose tissue and provides a place to store fat.
Part II. Label the skin diagram.

A. _____________________
B. _____________________
C. _____________________
D. _____________________
E. _____________________
F. _____________________
G. _____________________
H. _____________________
I. _____________________
J. _____________________
K. _____________________
L. _____________________
M. _____________________
N. _____________________
O. _____________________
P. _____________________
Part I. Unwrap your Mini Snickers ® bar. With a plastic knife, remove the chocolate covering from both sides of the candy bar. Using your textbook, label the basic layers of the skin and indicate why the candy bar makes a good comparison to the skin.

The epidermis is the more superficial of the two layers comprising the skin. Histologically, it consists of stratified squamous epithelium. It is avascular, and is comprised of five named layers.

The dermis is the deeper of the two layers comprising the skin. Histologically, the dermis consists of connective tissue with elastic and collagenous fibers.

The subcutaneous layer or hypodermis is also composed of adipose tissue and provides a place to store fat.
Part II. Label the skin diagram.

A. Epidermis
B. Papillary layer of dermis
C. Dermis
D. Reticular layer of dermis
E. Hypodermis or Subcutaneous layer
F. Hair follicle
G. Hair shaft
H. Pore of sweat gland duct
I. Tactile corpuscle
J. Dermal papilla
K. Arrector pili muscle
L. Sebaceous gland
M. Sweat gland duct
N. Sudoriferous gland
O. Lamellated corpuscle
P. Adipose tissue