

# Integumentary Cube Instructions:

- 1) In Box A, write your name and number two columns of 1-10. Answer the 20 questions on the back of this sheet (write the letter of the answer on the cube).
- 2) In Boxes B, C, D, draw and color the picture on 129 of your textbook. These are the sides of your cube. Be sure to label the following:

Epidermis

Pore

Arrector pili muscle

Pacinian corpuscle

Dermis

Merocrine sweat gland

Hair follicle

Sensory nerve fiber

Hypodermis

Adipose tissue

Sebaceous gland

Blood vessels

- 3) In Box F, draw and color the cells and pores that make up the top of the epidermis layer. This is the top of your skin.
- 4) In Box E, draw and color the hypodermis. This is the bottom of your cube.

**REMEMBER: WHEN YOU ARE DOING THE SIDES OF THE CUBE, MAKE SURE TO DRAW SO THAT THE EPIDERMIS MATCHES UP WITH BOX F AND THE HYPODERMIS WITH BOXES B, C, AND D.**

5) Cut out the skin cube, fold along the dotted lines and tape it together.

6) Take a pipe cleaner (cut in thirds) and use as a hair extending from the pores



