

Integumentary System



AKA: The system that makes up the outside of you!

Our job today is to learn about the structure (organs) and function (what they do) of the integumentary system.

Let's get started with a video!

While watching this, take notes on the structures described and what they do on your human body chart.

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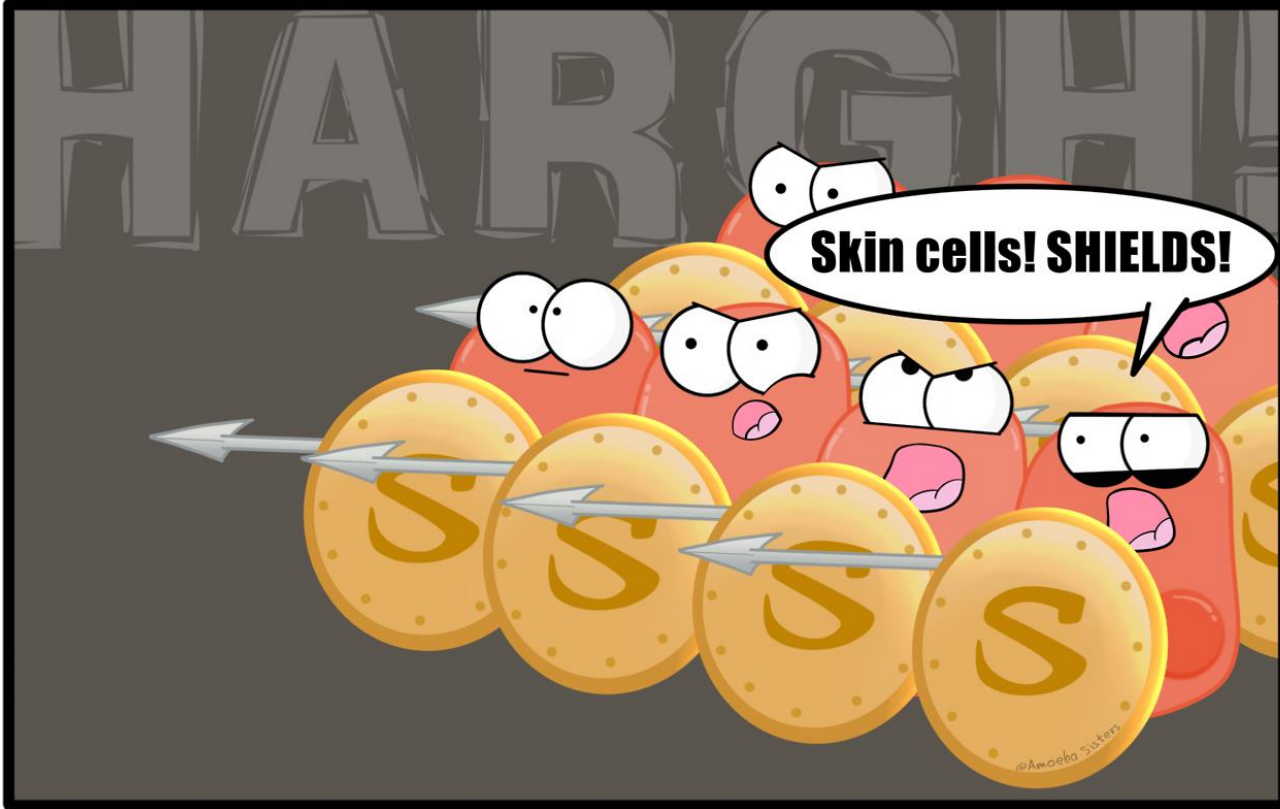


THE SCIENCE OF SKIN

Did you get all of the integumentary system structures and their functions?

Structures of the Integumentary System

- Skin: consists of different layers that helps keeps bad things out
- Hair: helps protect skin from cold and UV radiation
- Glands: releases fluids to help regulate the body for homeostasis
- Nails: protects the fingers and toes while helping with movements



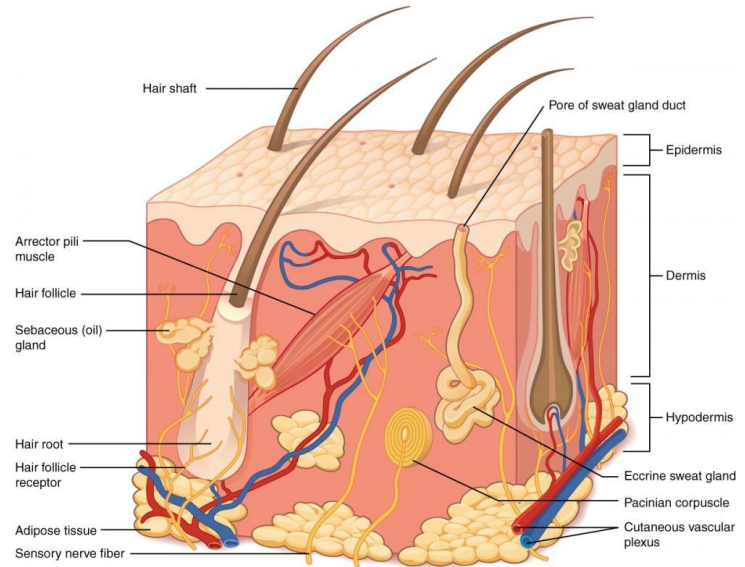
Skin: Your first line of defense against pathogens.

Now watch this next video and pay attention to the function of the integumentary system and its structures.



Function

To help regulate internal and external temperature, protect the internal organs, and to sense the world.



Show What You Learned!

Describe the three layers of skin and their characteristics.



How does the hair on your arms help keep you temperature regulated?



A patient is in the hospital and requires immediate medical attention. As their physician, should you inject the medicine in the intradermal or subcutaneous area?

Explain your reasoning in 1 to 2 sentences in your own words.



**Now you are done with this slides
assignment?**

**Check out the Explore More post about the
integumentary system to learn even more!**