WHAT DOES EACH LAYER DO, YOU ASK?

**EPIDERMIS**
1. **Cell Factory:** Makes new cells after old ones flake off.
2. **Paint Shop:** Makes melanin, which is what gives skin its color.
3. **Body Guard:** Has special cells that help keep you healthy.

**DERMIS**
1. **Sweat Machine:** It has sweat glands, which are like pockets, that make sweat. The sweat comes out through your pores, keeping you cool and getting rid of bad stuff.
2. **Messenger:** There are nerve endings that message your brain so you know how something feels, like if it hurts or is too hot.
3. **Garden:** This is where the roots of your hair are located and where they grow from.
4. **Oil Shop:** Glands in the dermis create oil that keep your skin soft, smooth, and waterproof.
5. **Importer/Exporter:** Blood comes into the dermis and feeds your skin (import) and takes away the bad stuff from it through blood vessels (export).

**SUBCUTANEOUS FAT**
1. **Glue:** A special layer of tissue here connects the dermis to your bones and muscle.
2. **Thermometer:** This layer help keep your body from getting too warm or too cold.
3. **Storage:** Fat is stored to protect your muscles and bones from bumps and bangs.
HERE’S THE SKINNY ON SKIN

INTERESTING FACTS

Your body has about 19 million skin cells!

Your skin loses about 30,000 to 40,000 old skin cells a day. But don’t worry! Your skin keeps making cells. New skin cells last for about a month before they fall off.

On 1 square inch of skin, we have 650 sweat glands!

Skin cells change shape! They start fat and square, but as they move to the top of the epidermis, they get flatter until they finally flake off!

All the dead skin cells are on top! You have about 18-23 thin layers of dead skin cells!