The Skin pg. 488

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| What are the functions of the skin?How does skin protect the body?How does skin maintain temperature?How does skin eliminate waste?How does skin gather information?How does skin produce vitamin D?What is the epidermis?What is the structure of epidermis?What is the function of the epidermis? | 1. Protects body from injury2. Eliminates waste3. Produces vitamin D4. Regulates body temperature 5. Gathers info about the environmentSkin creates a barrier that keeps bacteria/viruses outSkin keeps you cool by sweating.Dissolved materials are eliminated through sweat. 1. Pressure2. Pain3. TemperatureSkin absorbs sunlight to produce vitamin D (healthy bones)Epidermis is the outer layer of skinCells begin deep in the skin and then push out over time (about 2 weeks)1. Dead skin cells provide cushion and protection2. Shedding dead skin carries away bacteria3. Produce fingernails4. Produce melanin (skin color=tan) |