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**INTEGUMENTARY SYSTEM WEBQUEST**

Go to the following website: <http://www.sciencenetlinks.com/Esheet.cfm?DocID=137>

Click on Integumentary System and answer the following questions

1. What structures are associated with the integumentary system?

2. What are the functions of the integumentary system?

3. What part does the skin play in your immune system?

4. How does the integumentary system interact with the digestive system?

5. Why is it that patches placed on the skin can be used to deliver medications to the bloodstream?

6. What role does your skin play in the regulation of body temperature?

7. How important is your skin for the functioning of the nervous system?

Click on Cutting Dead Cells, answer the following question

8. What parts of the integumentary system are made up of dead epidermal cells?

Click on execratory system, answer the follow questions

9. What is the purpose of the excretory system?

10. What primary organs are involved in the excretion process?

11. What types of waste products are removed through the skin?

Go to the following website:

<http://www.wisc-online.com/objects/index_tj.asp?objID=AP12204>

Follow the directions and answer the following questions.

12. List and describe the five layers of the epidermis.

13. Where is the epidermis and dermis located in relationship to each other?

14. What types of tissues/cells are found in the dermis?

15. List the two types of sweat glands and explain the difference between the two.

16. What role do sebaceous (oil) glands play in the skin?

17. What is the job of the erector pili muscle? How is this related to the phenomenon called “goosebumps”?

18. What are hair follicles? Where do hair cells get their color?

19. Where is the hypodermis? What is the hypodermis composed of?

20. What types of sensations do sensory receptors detect? What is the function of the sensory receptors?