

BIOLOGY4KIDS- MICROBES 40 points

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-click on microbes, read carefully, answer questions

-all questions are worth 2 points except when noted

- 1.) A biologist that studies microbes is called \_\_\_\_\_
- 2.) What invention revolutionized the study of microbes \_\_\_\_\_
- 3.) Take quiz on microbes
- 4.) Review prokaryotes and eukaryotes (look on right side of page)
- 5.) What are the main differences between prokaryotes and eukaryotes  
\_\_\_\_\_?
- 6.) Click on Virus
- 7.) Viruses can only "reproduce" inside a \_\_\_\_\_
- 8.) What are the 2 main parts to a virus \_\_\_\_\_?
- 9.) What is the fancy name for the protein coat \_\_\_\_\_?
- 10.) Some viruses have extra protection called the \_\_\_\_\_?
- 11.) There are some really weird things called prions & viroids. What are these things?  
\_\_\_\_\_
- 12.) Take quiz on viruses
- 13.) Click on Bacteria
- 14.) Where can one find bacteria \_\_\_\_\_?
- 15.) Are bacteria prokaryotic or eukaryotic \_\_\_\_\_?
- 16.) Are bacteria alive \_\_\_\_\_?
- 17.) What are the 4 main parts of every bacterium ? (4)  
\_\_\_\_\_  
\_\_\_\_\_
- 18.) What are the three main shapes of bacteria (3)  
\_\_\_\_\_

19.) How do bacteria help cows \_\_\_\_\_?

20.) Take quiz on bacteria

21.) Click on Good Microbes

22.) What is nitrogen fixation (3)

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23.) Where does the antibiotic penicillin come from \_\_\_\_\_?

24.) Click on Bad Microbes

25.) How is *E. coli* helping us \_\_\_\_\_?

26.) How do microbes aid in natural selection? (3)

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27.) How are we creating "stronger" viruses and bacteria? (4)

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28.) Click on Man and Microbes

29.) **Discuss** 3 ways microbes are working for us (6)