

Evaluate the Medical and Economic Importance of...

BACTERIA

1. What does it mean to evaluate? (hint: do not give math definition)
2. Are ALL bacteria harmful? Yes or no
3. Use the internet to research types of bacteria. List 6 that are harmful and the disease it causes.

4. Name one disease-causing bacteria that had a devastating impact on the human population sometime in history.
5. Use the internet to research what that bacteria's impact was/is. Describe that impact in paragraph form. Include important information such as areas impacted (medical, economic, social impact, etc.), how was/is that area impacted, when it happened, how many countries were affected, how many people were killed, how much it cost for businesses to shut down, or clean up to occur, etc..

6. How can the spread of bacterial disease be prevented? How could the disease you researched best be prevented?

7. What are the treatments for bacterial diseases? What is the best treatment for the disease you researched?

8. List 6 bacteria that are helpful and what they are used for.

9. Choose bacteria that can benefit each of the following areas: medicine, economics, agriculture, and food production. Explain how they benefit that area. Some may be used in multiple areas but each effect is different.
Medicine

Economics

Agriculture

Food production