

Evaluate the Medical and Economic Importance of...

VIRUSES

1. What does it mean to evaluate? (hint: use a dictionary, not math definition)
2. Describe in detail how a virus reproduces (hint: there are two ways)
3. How does the virus affect the host cell(s)?
4. List at least 3 ways a virus is transmitted from one organism to another.
5. Use the internet to research a list of viruses that affect bacteria, plants, animals, and humans. Give 3 for each category.
6. Name one virus that has had a devastating impact on the human population sometime in history.
7. Use the internet to research what that virus' 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.
8. How could the spread of viral diseases be prevented? How could that disease you researched be best prevented?
9. What are treatments for viral diseases? What is the best treatment(s) for the disease you researched?