**Bacteria and Virus study guide:**

1. What are 3 ways to protect from viral infection?
2. Why are viruses considered nonliving?
3. How are vaccines different from antibiotics?
4. Give examples of 4 different viruses that cause disease?

1. All bacteria are classified as what type of cell? Why?
2. What are the three shapes bacteria can be classified in? Give an example of each?
3. Differentiate between gram positive and gram negative bacteria. Which one is harder to kill? Why?
4. How is domain bacteria different from domain Archae?
5. Explain 4 ways bacteria are useful to the environment or humans.
6. How are bacterial diseases treated?
7. Give examples of 5 different bacterial diseases.
8. What is a pathogen? What are the four types?
9. What is the first layer of defense for your immune system?
10. What is the second layer of defense? What type of cells make it up?
11. Describe 2 reasons we are seeing an emergence of new diseases, or the re-emergence of diseases that were once completely gone.
12. What is an emerging disease?