Viruses and Bacteria

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Introduction

You are in London in the year 2513. There is a rat plague and the rats have an infectious disease that are killing millions of people. You are a secret scientist that have all the equipments you need. You need to find out what is the disease, how to cure it, if it is a virus or a bacteria, and then terminate it. You have to stop this disease, you have to stop the killing.

Tasks

Have you ever wondered what is taking over your body when you are sick? Most times, you will hear the terms flu, or cough, or bacteria. Well flu are actually types of viruses. Now bacteria and viruses are different in many ways, but also very similar. This webquest will help you understand bacteria and viruses better and hopefully, make you understand the differences and the similarities in them. You will understand 1. What a virus is
2. What a bacteria is
3. How does a virus work
4. How does a bacteria work
5. Multiple examples of viruses
6. Multiple examples of bacteria

Process

Now you will initiate the research stage. Please stand by. These are the links needed to answer the essential questions.
http://www.diffen.com/difference/Bacteria_vs_Virus
http://www.netdoctor.co.uk/health_advice/facts/virusbacteria.html
http://archives.microbeworld.org/microbes/virus_bacterium.aspx
http://www.aware.md/patientsandconsumers/BacteriaVirus.aspx
http://www.pyroenergen.com/virus.htm
Optional Links:
http://en.wikipedia.org/wiki/Virus
http://en.wikipedia.org/wiki/Bacteria
What is a virus? What is a bacteria? What is the difference between a virus and a bacteria? What are the main parts of a virus? What are the main parts of a bacteria? How does a group of virus spread? What are some virus examples? What are some bacteria examples? What is the cycle of reproduction for the virus called? How does a virus reproduce? Is bacteria a living thing? How do we prevent bacteria? How do we prevent viruses? *Challenge* Is virus a living thing?

Evaluation

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Conclusion