

BACTERIA AND VIRUSES

Watch the following video **“Good germs vs. Bad Germs”**

<http://youtu.be/qDluMg9lqn8>

Hi!!

- 1) Do you know what an antibiotic a virus or a bacteria is?
- 2) Let´s ask the difference at home. Does your family know?
- 3) **Let´s read and find out the differences**

Bacterial vs. viral infections: How do they differ?

What's the difference between a bacterial infection and a viral infection?

Answer From [James M. Steckelberg, M.D.](#)

As you might think, bacterial infections are caused by bacteria, and viral infections are caused by viruses. Perhaps the most important distinction between bacteria and viruses is that antibiotic drugs usually kill bacteria, but they aren't effective against viruses.

Bacteria

Bacteria are single-celled microorganisms that thrive in many different types of environments. Some varieties live in extremes of cold or heat. Others make their home in people's intestines, where they help digest food. Most bacteria cause no harm to people, but there are exceptions.

Infections caused by bacteria include:

- Strep throat
- Tuberculosis
- Urinary tract infections

Inappropriate use of antibiotics has helped create bacterial diseases that are resistant to treatment with different types of antibiotic medications.

Viruses

Viruses are even smaller than bacteria and require living hosts — such as people, plants or animals — to multiply. Otherwise, they can't survive. When a

virus enters your body, it invades some of your cells and takes over the cell machinery, redirecting it to produce the virus.

Diseases caused by viruses include:

- Chickenpox
- AIDS
- Common colds

In some cases, it may be difficult to determine whether a bacterium or a virus is causing your symptoms. Many ailments — such as pneumonia, meningitis and diarrhea — can be caused by either bacteria or viruses.

- a- Find out words you don't know
- b- Establish differences

	virus	bacteria
Are they alive?		
Which organisms are the more complex?		
What diseases do they cause?		
Find out treatments for the diseases they cause		
Which is bigger?		

- c- Can you draw a virus and a bacteria?
- d- Complete the sentences. Use ARE - IS - MORE

Recorda que is es "es" y are es "son"- More significa "más" y than "que"

- 1- Bacteria and viruses _____ too tiny to be seen by the naked eye
- 2- Viruses _____ even smaller than bacteria. They _____n't even a full cell. They _____ simply genetic material (DNA or RNA) packaged inside of a protein coating.
- 3- Bacteria are _____ complex than _____.
- 4- Antibiotics _____ only needed for treating certain infections caused by bacteria.
- 5- Bacteria and viruses _____ the most common causes of disease in humans.
- 6- Bacteria _____ living organisms.

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- 7- viruses _____n't considered to be living organisms.
- 8- Viruses _____smaller and are not cells.

e- Find out some information about coronavirus

f- Complete with the name of diseases

FLUE-URINARY INFECTIONS-COLDS-TUBERCULOSIS-CHICKENPOX

VIRUS:

BACTERIA: