



## ANTIBIOTICS



Antibiotics are medicines that are used to treat bacterial infections. They are not effective against viral infections because viruses are not living and will not complete the processes targeted by antibiotics. Antibiotics are classified based upon the structure of the drug. Different antibiotics will target different processes in bacteria that are necessary for growth and survival. These include things like making proteins, replicating DNA, and constructing the cell wall (which surrounds the cell and is necessary to maintain cell shape). Antibiotics can be bacteriostatic, where they simply stop the growth of the bacteria to allow the immune system to act against the bacteria, or they can also be bactericidal, where they kill the bacteria and then rely on the body to clear the debris.

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To learn more information about the project and access free downloads of the coloring book pages, visit:

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