



GLOSSARY

Antibiotic	blocks the growth and reproduction of bacteria
Antibody	proteins made in the immune system to help destroy possible threats
Apoptosis	a cell's self-destruction, sometimes occurring when the cell is invaded
Bacillus	a rod-shaped bacterium
Bacteria	microscopic, single-celled organisms that are prokaryotes
Capsid	a virus's outer protein coat that protects the nucleic acid and helps the virus invade other cells
Carrier	someone who carries a virus as an infection or while it's incubating
Cell	a small, living unit containing the basic DNA, proteins and chemicals needed for all life functions
Cilia	tiny hair-like organelles that make rhythmic waves to push away substances from the cell and move it around
Coccus	a sphere-shaped bacterium
Cyanobacteria	organisms from the kingdom Eubacteria that are producers that live in water
Envelope	a virus's outer shell that helps it invade healthy cells without being noticed
Eukaryote	an organism that has a nucleus

Filovirus	a thread-like virus, such as Ebola or Marburg
Flagella	whip-like tails that swish around to propel a cell forward
Host	a living organism that a bacteria or virus infects
Host Cell	a living cell that a virus lives in so that the virus can reproduce
Immune System	a network of interacting cells that protect the body from pathogens and other foreign substances
Infection	an invasion of the body by pathogenic microorganisms
Lysis	a process by which the cell membrane of a host is burst open and destroyed by the replicating viruses inside it
Lysogenic Cycle	the cycle of viral reproduction that occurs when a virus invades a host cell but lies dormant and completes its life cycle at a later time
Lytic Cycle	someone who carries a virus as an infection or while it is incubating
Pathogenic	can cause diseases
Polyhedral	having many sides
Prokaryote	an organism that does not have a nucleus
Replication	a process that occurs when a virus or bacteria multiplies itself to infect more of the host
Spirillum	a spiral or corkscrew-shaped bacterium
Virus	a microscopic particle that uses cells to reproduce itself; this process usually kills the host cells

