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| **Across**  **2.** What produces disease?  **4.** What is the phage DNA inserted into the host cell’s DNA?  **6.** What is it called when prokaryotes exchange parts of their chromosomes?  **8.** What is a long rope like structure outside of a cell that is used for movement?  **9.** What is an infectious particle that causes diseases in plants?  **11.** An infectionious particle made only out of a strand of DNA or RNA is known as what?  **12.** What is a small piece of genetic material that can replicate seperatley from the main chromosome?  **13.** What substance stimulates the bodys immune response?  **15.** What is a rapid outbreak of an infection?  **17.** What is a chemical that kills or slows down the growth of bacteria?  **18.** What is the most familiar cold?  **19.** What is a poison released by organisms?  **20.** What is a virus that contains RNA and uses an enzyme to make a copy of DNA? | **Down**  **1.** What are viruses that infect bacteria?  **3.** What is the phage that combines its DNA with the host cells DNA?  **5.** What is the process that uses microbes to break down pollutants?  **7.** What is an infection pathway in which the host cell bursts?  **10.** What is the protein shell around viruses called?  **14.** What is an infectious particle made out of only proteins that can cause other proteins to fold incorrectly?  **16.** What is a specialized cell with a protected wall? |

   virus       pathogen       viroid       prion       capsid       bacteriophages       prophage       lysogenic infection       lytic infection       common cold       epidemic       vaccine       retrovirus       plasmid       flagellum       conjugation       endospore        bioremediation       toxin       antibiotics