

Name _____

Pathogens: The Microscopic Mischief-Makers

Open-Ended Response Answer Key

1. Vaccines train our immune system to recognize and fight specific pathogens by introducing harmless versions of the pathogens or their toxins.
2. Ways to prevent the spread of pathogens include practicing good hygiene, washing hands frequently, covering coughs and sneezes, and staying home when sick.
3. White blood cells are part of the immune system and play a crucial role in identifying and attacking pathogens to protect the body from illness.
4. It's important for scientists to study pathogens to understand how they cause disease, develop treatments and vaccines, and prevent outbreaks.

