

Name _____

Viruses Unveiled: Exploring Their Impact on Life

Short Answer Key

1. Bacteriophages are viruses that infect and destroy bacteria, helping regulate bacterial populations in environments.
2. Viruses have been engineered to deliver therapeutic genes to treat genetic disorders.
3. Viruses contribute to genetic diversity by transferring genetic material between different species.
4. Vaccines contain weakened or inactivated viruses and are used to prevent infectious diseases by stimulating the immune system.
5. It is important to understand the complexities of viruses to appreciate their role in ecosystems, develop medical treatments, and mitigate their negative impacts.

