



Name:

Date: 5/17/2021

Student Exploration: Virus Lytic Cycle

Vocabulary: bacteriophage, capsid, host cell, lyse, lytic cycle, virus

Prior Knowledge Questions (Do these BEFORE using the Gizmo.)

1. A computer virus is a program that can copy itself and infect a computer without the permission of the owner. How do you think a computer virus compares to a real virus?

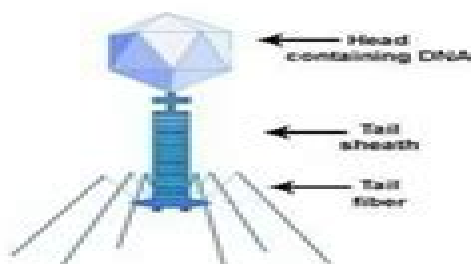
A computer virus infects a computer, and a real virus infects an organism. During an infection, both types of viruses make copies of themselves so that more infections can occur. A computer virus disrupts the functions of a computer, while a real virus destroys its host cells.

2. Have you ever been infected with a virus, such as the cold virus or flu virus? **yes**
3. If so, how did the virus affect you? **The viruses affected me by giving me fevers and congestions.**

Gizmo Warm-up

A **virus** is a microscopic particle that can infect a cell. Viruses are primarily composed of a protein coat, called a **capsid**, and nucleic acid. In the *Virus Lytic Cycle Gizmo™*, you will learn how a virus infects a cell and uses the cell to produce more viruses.

1. Viruses are extremely small. A typical virus is about 100 times smaller than a single cell, such as a bacterium.



Bacteriophages are viruses that infect bacteria.



Explorelearning Virus Lytic Cycle Gizmo Answer Key

S Ben Porath

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Explorelearning Virus Lytic Cycle Gizmo Answer Key:

Explorelearning Virus Lytic Cycle Gizmo Answer Key Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the ability of words has be more evident than ever. They have the capability to inspire, provoke, and ignite change. Such could be the essence of the book **Explorelearning Virus Lytic Cycle Gizmo Answer Key**, a literary masterpiece that delves deep in to the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall effect on readers.

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