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Lytic and Lysogenic Comic Strip Instructions

Objective: Create a comic strip that models the process of how a virus infects a host cell. Viruses have two different strategies: Lytic and Lysogenic

You will create a comic strip to show the difference between each of these strategies.

Content Required For Lytic Cycle Comic Strip

1. Virus attaching/docking to the host cell.
2. Virus inserting/injecting its genome into the host cell.
3. Virus uses the host's machinery to make building blocks of virus
4. Building blocks of virus are assembled–New Viruses are ready.
5. Virus leaves the cell through budding or lysis.

Content Required for Lysogenic Cycle Comic Strip

1. Virus docking & inserting its genome into host cell.
2. Virus and host genome fusion.
3. Replication of host cell with hybrid genome.
4. Virus genome leaving host genome
5. Virus using host's machinery to replicate
6. Virus leaving the host's cell through budding or lysis.

LYTIC	Panel 1	Panel 2	Panel 3	Panel 4	Panel 5	**LYSOGENIC**	Panel 1	Panel 2	Panel 3	Panel 4	Panel 5	Panel 6
Diagram Complete & Accurate						Diagram Complete & Accurate						
Description Complete & Accurate						Description Complete & Accurate						
Use of color, symbols, design that support the big idea.						Use of color, symbols, design that support the big idea.						
Points	**/3**	**/3**	**/3**	**/3**	**/3**	**Points**	**/3**	**/3**	**/3**	**/3**	**/3**	**/3**
Score	**/15**					**Score**	**/18**					