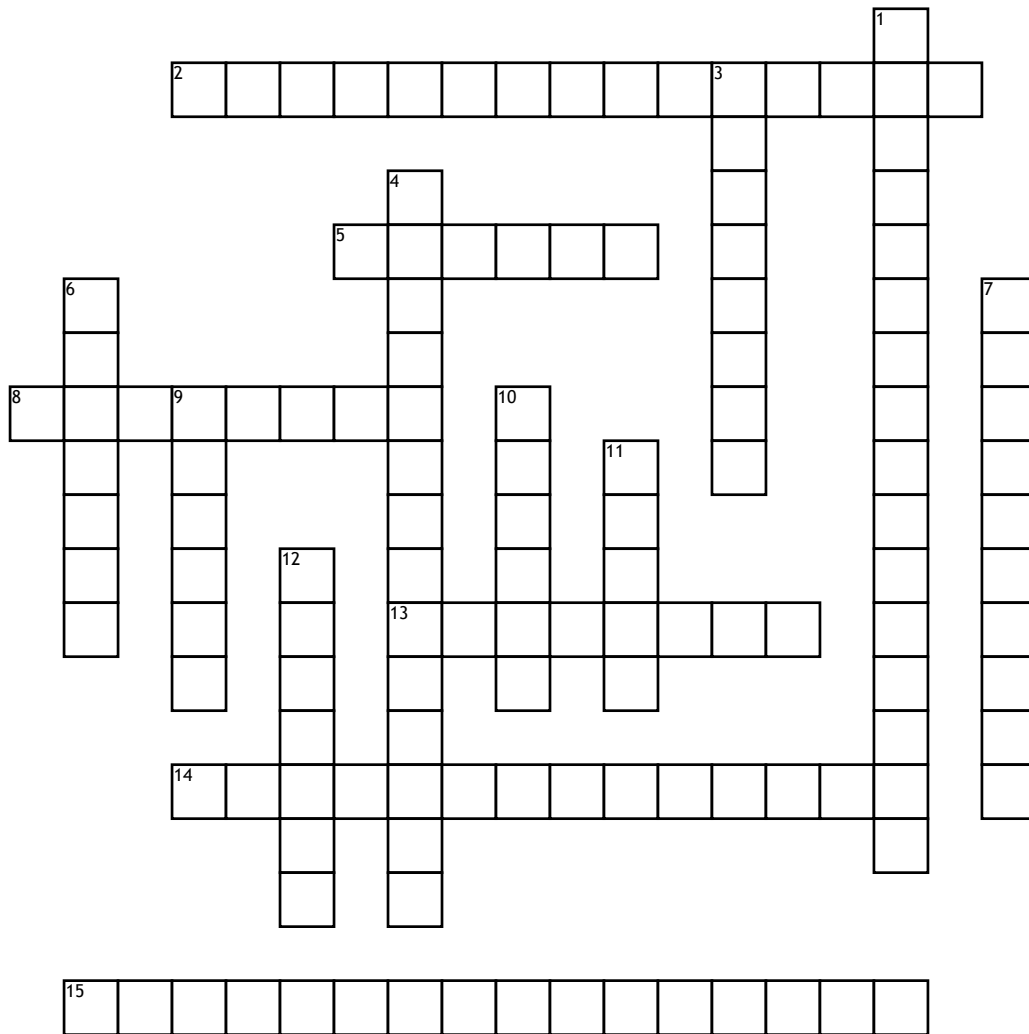


Name: _____

Date: _____

Box 6



Across

- 2. diseases that evolve in a geographically isolated area and are caused by pathogenic viruses
- 5. A protein coat that may contain RNA or DNA but not both
- 8. when the DNA temperate phage is integrated into the host's chromosome
- 13. viral gene that is inserted into the host chromosome

- 14. cell divides, the provirus also divides, resulting in two infected host cells.
- 15. cannot replicate in a host cell

- Down**
- 1. viruses whose replication includes the lysogenic cycle
 - 3. surrounds the capsid and helps the virus enter cells
 - 4. viruses that infect bacteria
 - 6. infectious disease agents that have a single stand of RNA and have no capsid

- 7. Cycle of infection, replication and cell destruction
- 9. composed of protein with no nucleic acid
- 10. intermediate host that transfers a pathogen
- 11. the bursting of a cell, releasing new viruses
- 12. What is the segments of nucleic acids contained in a protein coat?

Word Bank

- | | | | |
|-------------------|-------------------|------------------|---------|
| Prophage | Bacteriophages | Provirus | Viruses |
| Lysogenic Cycle | Capsid | Prions | vector |
| Envelope | Viroids | Lytic Cycle | lysis |
| temperate viruses | inactivated virus | Emerging dieases | |