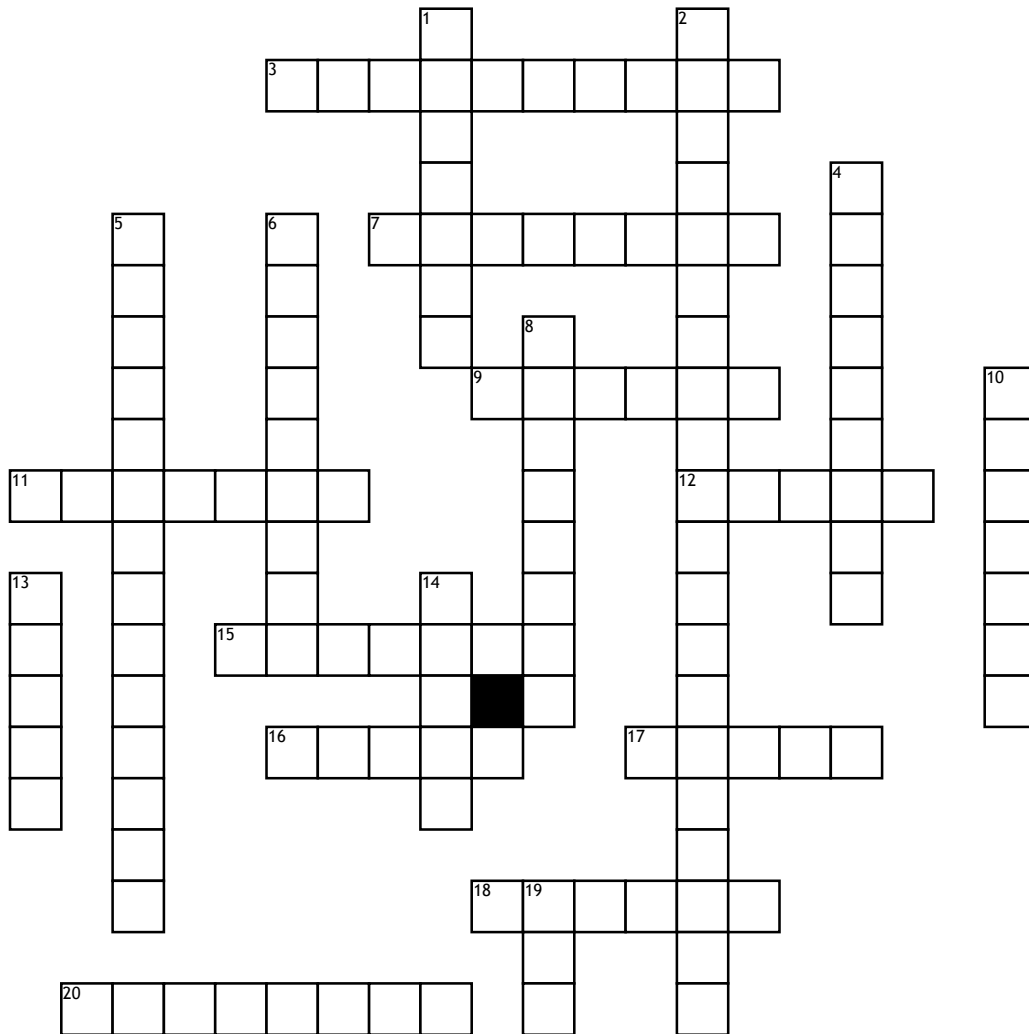


# Classification Unit Guide



**Across**

- 3. Chemical that kills or slows the growth of bacteria
- 7. Branch of science concerned with classification of organisms
- 9. Taxonomic category below order that includes one or more genus
- 11. Taxonomic category that includes individuals able to reproduce fertile offspring together
- 12. Taxonomic category below class that includes one or more families
- 15. Substance that stimulates an immune response producing acquired immunity without illness or infections
- 16. Taxonomic category below family that includes one or more species

- 17. Taxonomic category below phylum that includes a large group of organisms that share a variety of fundamental characteristics
- 18. Taxonomic category below kingdom that includes a large group of organisms that share one or more fundamental characteristics
- 20. Rapid outbreak of a disease that affects many people

**Down**

- 1. A body, organ or system condition resulting from various causes such as infection, genetic defect or environmental stress
- 2. Scientific naming of species whereby each organism receives a genus and species name

- 4. The evolutionary history for a group of species

- 5. Infectious pathway of a virus in which host cells are not immediately destroyed
- 6. Commonly epidemic disease caused by rapidly mutating virus
- 8. Agent that causes disease
- 10. Second highest taxonomic category grouping together all forms of life having certain fundamental characteristics in common
- 13. Poison released by an organism
- 14. Infectious particle made only of a strand of DNA or RNA surrounded by a protein coat
- 19. Virus that weakens the immune system by reproducing in and destroying T cells and causes AIDS

**Word Bank**

- |          |                 |          |                       |
|----------|-----------------|----------|-----------------------|
| Class    | Lysogenic cycle | Virus    | Phylogeny             |
| Taxonomy | Genus           | Epidemic | Antibiotic            |
| Disease  | Species         | Order    | Binomial nomenclature |
| Phylum   | Influenza       | HIV      | Toxin                 |
| Pathogen | Vaccine         | Family   | Kingdom               |