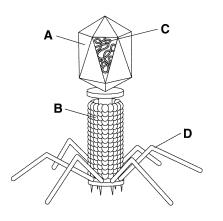
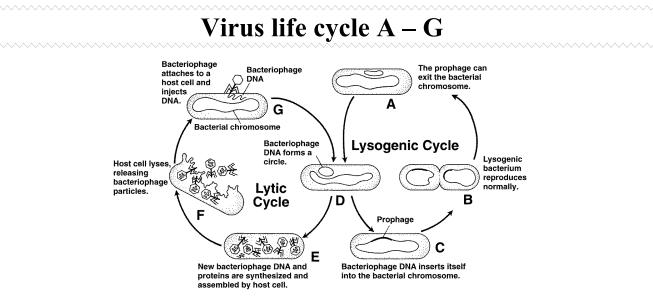
## Viruses / Bacteria Worksheet

- 1. What is this structure?
- 2. Identify parts A-F
  - A. B
  - В
  - C. D.
  - D. E.
  - L. E
  - F.

- 3. Name the two kingdoms of bacteria. List one way these groups differ from each other.
- 4. Describe two roles bacteria have in the environment.
- 5. What are three foods that have been made using bacteria?
- 6. Following a flood, people are often advised to boil their drinking water. Explain why this is necessary.
- 7. Describe two ways of killing bacteria.
- 8. How are bacteria classified?
- 9. What are the three main shapes of bacteria?

- 10. What is this structure to your right?
- 11. What type of organism does this virus infect?
- 12. Label parts A-D





- 13. Which letter indicates the host cell being lysed (destroyed)?
- 14. Which letter above represents the stage at which a host cell begins producing new bacteriaphages?
- 15. Which letter indicates the stage at which the bacteriaphage injects its DNA into the host cell?
- 16. Looking at the above diagram which viral life cycle (lysogenic or lytic) is actively using and then lysing (destroying) body cells to make more viruses?