

AP Biology
Chapter 18 Guided Reading Assignment
Ms. Pennington

Name _____

1. How and what did Dr. Mayer discover specifically in 1883?
2. What logic did Beijerinck use to lead to the idea of a virus?
3. How was the existence of a virus finally confirmed and by whom?
4. How small are viruses?
5. What kind of nucleic acids are the viral genomes made of?
6. What is the name for a protein shell enclosing the viral genome?
7. What are the subunits of capsids?
8. What are viral envelopes and what is their function?
9. Where are the most complex capsids found?
10. Define host range.
11. List the full steps of the simplified viral reproductive cycle.
12. What is the phage reproductive cycle that culminates in the death of the host cell?
13. What kind of phage only reproduces by a lytic cycle?