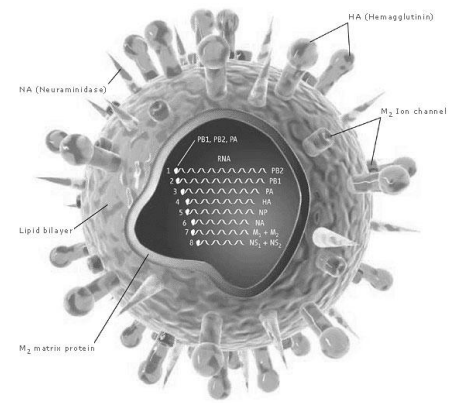
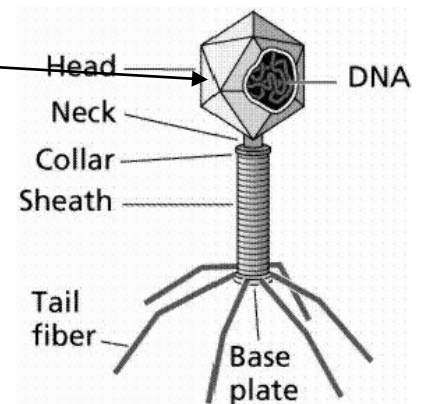


Name: \_\_\_\_\_

# VIRUS!



1. A virus is made up of what two parts? **DNA/RNA and a protein sheath (capsid)**
2. What life function does a virus perform? **Reproduction**
  - a. How does it do this? **Hijacking other cells**
3. What does it mean to be a host? **Providing a home or food for a parasite**
4. What does it mean to be a parasite? **Surviving by living off of a host and harming it**
5. Explain how viruses act like a parasite to us. **Viruses use our cells to reproduce which makes us sick**
6. What's a bacteriophage? **A virus that attacks bacteria**
7. What do we call the reproduction cycle of a virus? **Lytic cycle**



- a. What is the first step? And what happens? **Invade – viral DNA/RNA must get past a cell's defenses and into the cell. (Needs to have the right "key" for the "lock" of the cell)**
- b. What is the 2nd step? And what happens? **Biosynthesis – viral DNA/RNA gets inserted into a host cell's DNA and starts producing new viruses**
- c. What is the 3rd step? And what happens? **Lysis – the host cell bursts and releases the new viruses to infect other cells**

Answer the questions from the video here!

1. His own infant son
2. Antibodies
3. The body remembers dead or weakened cells to attack the real ones
4. Artificial environment for growing large amounts of a vaccine. Virus becomes used to chicken cells and is therefore weakened when introduced to human cells.

8. What is a vaccine? A dead or weakened form of a pathogen that allows the patient to be immune to the real pathogen
9. Why do we inject ourselves with a virus????!! To help our body's immune system to fight off a virus if we were to get one
10. What is the most awesome science word and what does it mean? Eradication – to completely remove something from the face of the Earth
11. Who developed the polio vaccine? Dr. Jonas Salk
12. Add extra notes here!