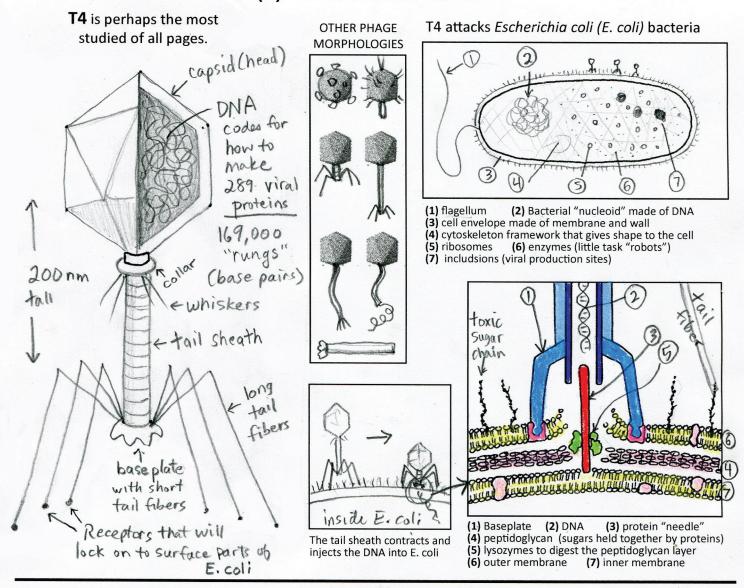
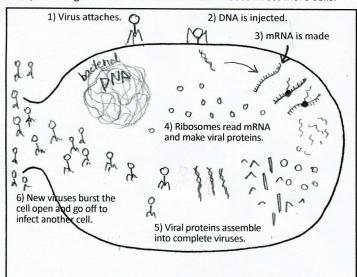
4(a): BACTERIOPHAGES



Phages have two life cycle options: lytic or lysogenic.

LYTIC (causes bacteria to burst)

The virus replicates quickly (30 minutes) and then causes the cell to burst, releasing 100-150 new viruses. New viruses infect more cells.



LYSOGENIC (hides in bacteria's DNA)

The viral DNA is incorporated into the bacteria's DNA, so when the bacteria reproduces by fission, the viral DNA is also copied.

