

# Chap 19: Viruses

## Chap 19

What is the most basic virus structure?

How do more complex viruses change this?

What is one purpose of viral envelopes?

What is a phage?

What conclusions can be drawn between virus and host?

What is the lytic cycle?

What is the lysogenic cycle?

What is a temperate phage? Be able to compare the two cycles.

What is a retrovirus? Be able to give an example.

How is a prophage different than a provirus?

# Chap 20: Biotechnology

## Chap 20

What is recombinant DNA?

What is a plasmid?

What is a restriction enzyme and how does it work?

Why are “sticky ends” called so?

What is PCR (polymerase chain reaction)?

How is DNA cloning used in research?

What is gel electrophoresis?

What is an RFLP?