**Viral Structure**

Using the concept objects below, complete the concept map

**Viral structure**

1. a genome surrounded by a capsid
2. a protein shell surrounding the genome
3. a single molecule or a segmented molecule
4. an intact infectious viral particle
5. capsid
6. codes for the synthesis of viral components and viral enzymes for replication
7. derived from host cell membranes by a process called budding
8. envelope glycoproteins attach the virus to receptors on susceptible host cells
9. enveloped viruses
10. genome
11. linear or circular molecule
12. may have an envelope
13. nucelocapsid or naked virus
14. project out from the capsid and bind the virus to susceptible host cells
15. single-stranded or double-stranded DNA or RNA
16. surrounds either a polyhedral or helical nucleocapsid
17. usually composed of protein subunits called capsomeres