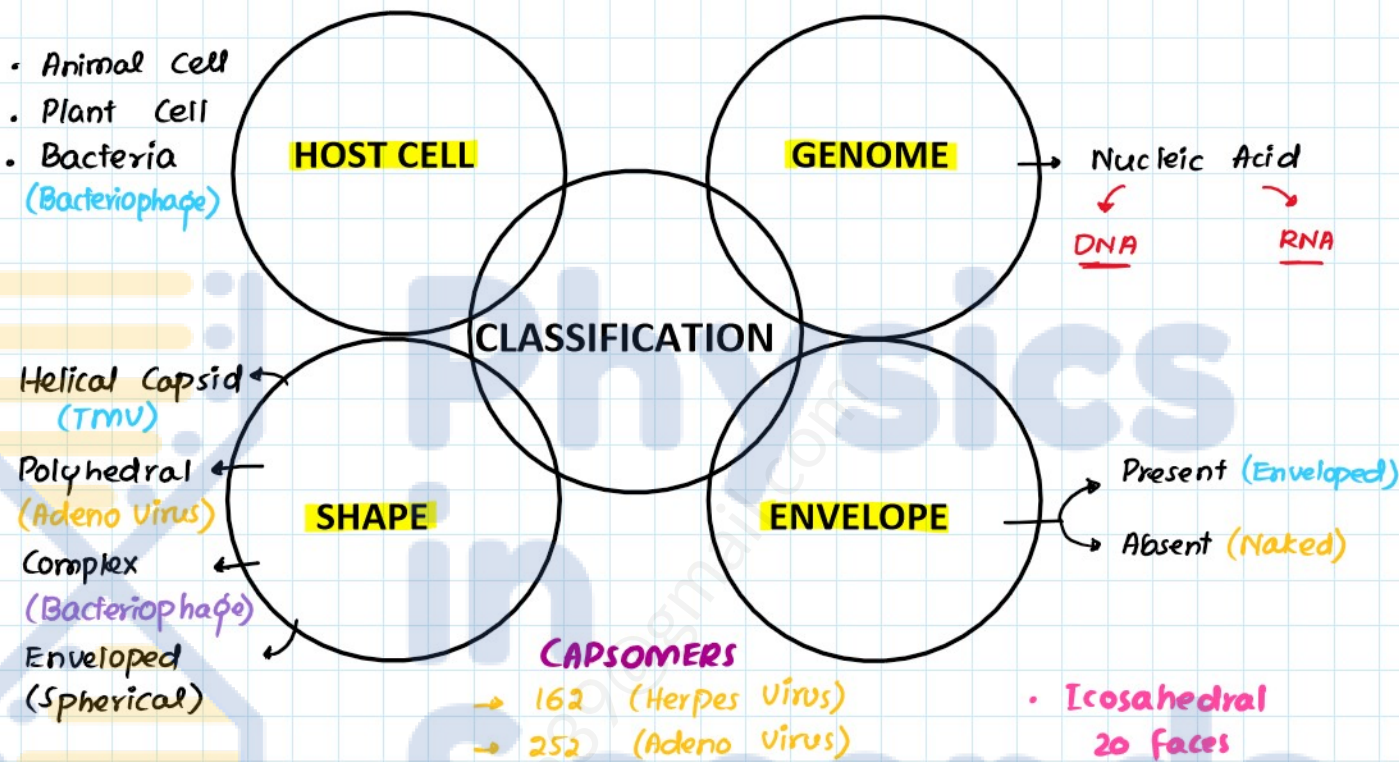


## CLASSIFICATION OF VIRUSES



The course content and lecture notes provided by Physics In Seconds are for educational and informational purposes only and protected by local copyright laws.

Unauthorised reproduction or distribution is strictly prohibited. By accessing and using these materials, you agree to use them solely for personal non-commercial use and will not hold the copyright holder liable for any damages.

By accessing and using the materials, you also agree to abide by all local copyright laws.

### ANIMAL HOST :

Rous Sarcoma → Cancer causing in Animals  
 Paramyxoviruses → Mumps & measles  
 Pox viruses → Small Pox, Cow Pox  
 Picorna virus → Polio, Hepatitis A  
 Aphtho viruses → Foot & mouth disease in livestock.

### PLANT HOST :

→ More than 2000 Plant viral diseases  
 → RNA viruses  
 → TMV, Potato yellow dwarf viruses

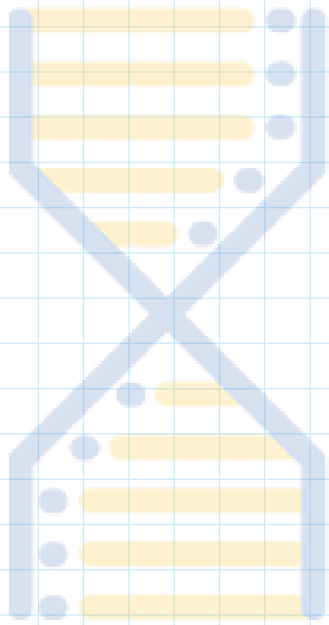
### BACTERIAL HOST :

→ Bacteriophages (DNA viruses), Some RNA

### GENOME BASIS :

DNA  $\rightarrow$  ds  $\rightarrow$  Pox virus , Adenoviruses , Herpes viruses  
DNA  $\rightarrow$  ss  $\rightarrow$  Parvo virus , (cats, Dog)

RNA  $\rightarrow$  ds  $\rightarrow$  Reo viruses (Diarrhea)  
RNA  $\rightarrow$  ss  $\rightarrow$  Rubella , Orthomyxovirus , Retro viruses



# Physics in Seconds

The course videos and lecture notes provided by Physics In Seconds are for educational and informational purposes only and protected by local copyright laws.

Unauthorised reproduction or distribution is strictly prohibited. By accessing and using these materials, you agree to use them solely for personal, non-commercial use and will not hold the copyright holder liable for any damages.

By accessing and using the materials, you also agree to abide by all local copyright laws.