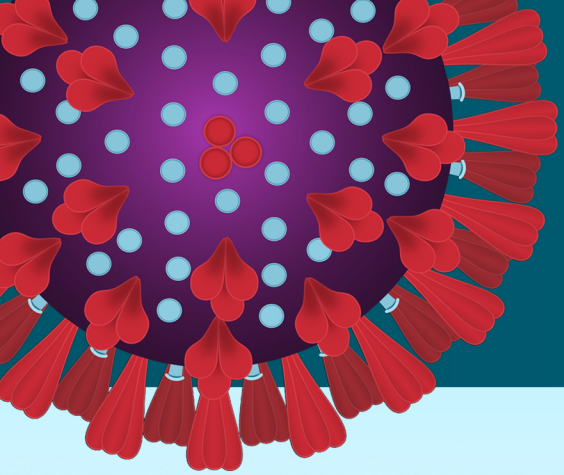
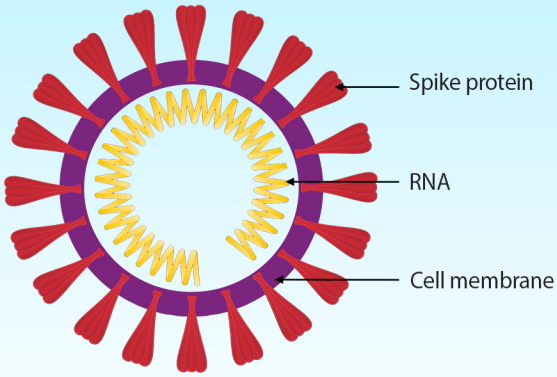


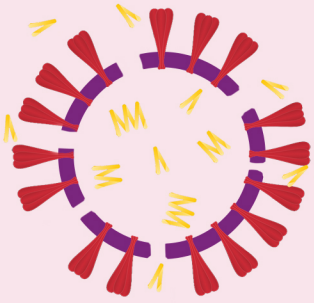
# BREAKING DOWN COVID-19 STRUCTURE

**This is what an intact COVID-19 cell looks like.** The spike proteins that surround the cell enable it to attach to human cells. A cell membrane protects the RNA (the virus's genetic material), which is essential for the cell to be able to multiply.




## HOW TO KILL THE VIRUS

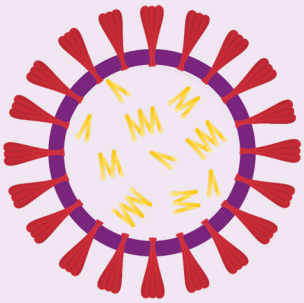
### HOW YOU CAN KILL THE VIRUS



#### SOAP AND DISINFECTANTS

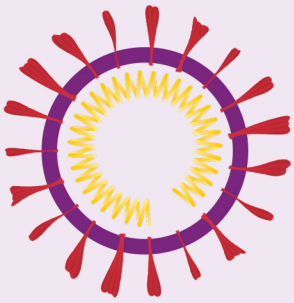
**Soap** breaks apart the membrane that holds the virus together. **Disinfectants** with at least 60% alcohol work in a similar way.

### OTHER WAYS TO KILL THE VIRUS



#### ULTRAVIOLET LIGHT

**Ultraviolet light** disrupts the genetic material inside the virus. While it can't be used on humans because of damage to cells, hospitals have long used UV light to disinfect.



#### HEAT

**Heat** can cause the proteins in the virus's spike to lose their shape, effectively deactivating them. A human fever is not high enough to do this – it takes a very high temperature to achieve this effect.

**Contact your medical provider for any worsening or severe symptoms.**
**For medical emergencies, such as difficulty breathing, call 911.**

Call Freeman Physician Finder Line (417.347.3797) to get connected with a primary care physician.

FREEMAN Health System

If you think you may have COVID-19, contact Freeman Health System's **COVID-19 Call Center** at **417.347.6444** to be screened over the phone.

Information taken from bit.ly/COVIDstructure.