

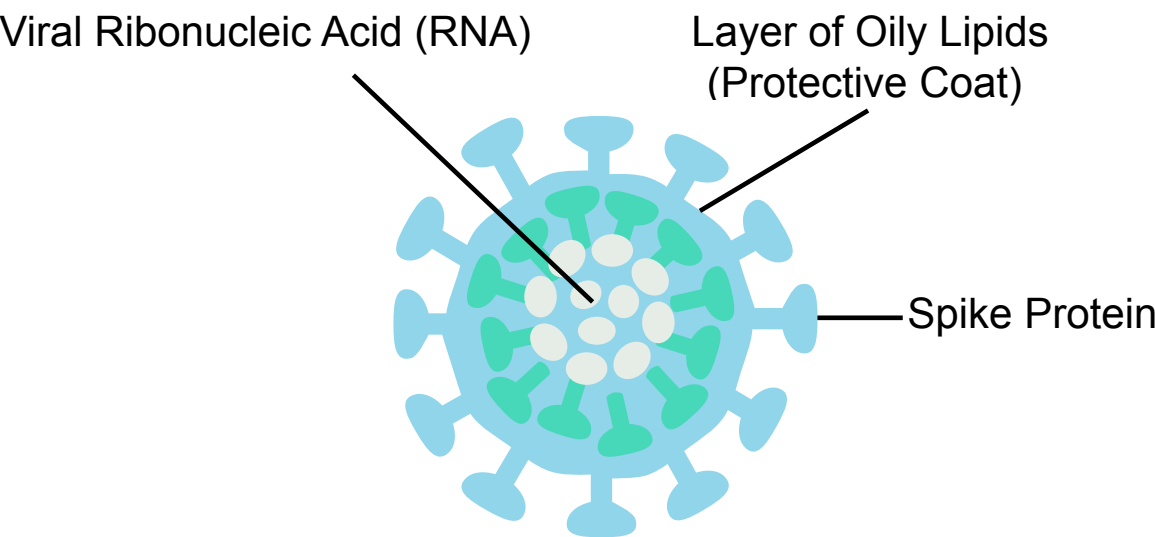
COVID-19

Prevention Practices

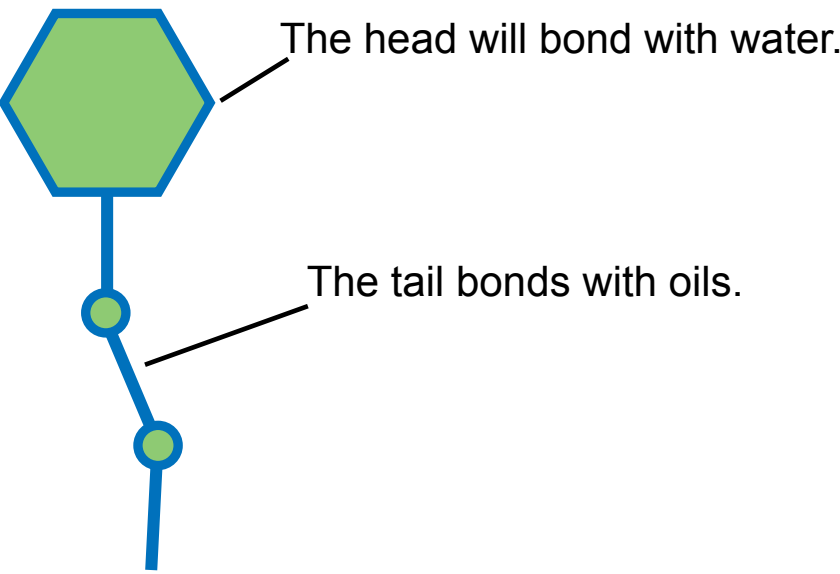
Why is soap better?



Make Up of the Virus



Soap Molecule



When using soap and water to wash the hand, the soap molecules will have a head that bonds with water and a tail that bonds with oily lipids.

The tails of the soap molecules will attempt to bond with the oily protective barrier of the virus.

The tails will group and wedge together into the barrier causing it to break down and release fragments of the virus.

The soap molecules then surround the fragments, encapsulating them before being washed away with water.

