**Macromolecule Foldable**

Construct a foldable with the following sections:

1) On the cover draw a box and write: 4 Macromolecules

 1)

 2)

 3)

 4)

2) Underneath that box write “Also need to know water and pH”

3) Cut a sheet of paper in half. Fold the half sheet in a hamburger fold. Cut so there are 2 flaps.

On one flap, write “Water molecule”. (*On the inside, draw a water molecule WITH CHARGES ON OXYGEN AND HYDROGEN*)

On the other, write “Hydrogen Bonding” *(On the inside, draw 2 water molecules joined by a hydrogen bond)*

\*GLUE ON THE INSIDE OF THE COVER PAGE AT THE TOP

4) Cut a sheet of paper in half. Fold the half sheet in a hamburger fold. Cut so there are 2 flaps.

 On one flap, write “Cohesion”. (*On the inside, write its definition and an example)*

 On the other, write “Adhesion” (*On the inside, write its definition and an example)*

 *\**GLUE UNDER THE WATER MOLECULE AND HYDROGEN BONDING FLAPS

5) Cut a piece of paper in half. Fold the half sheet of paper and cut to make 3 flaps. Label the flaps “acids”, “pH scale”, “bases” on the outside of the flaps. (*under pH flap draw a pH scale, under acids write low pH, under bases write high pH*)

 \*GLUE AT THE TOP OF THE NEXT PAGE

7) Cut a piece of paper in half and cut to make 2 flaps. Label the flaps “monomer” and “polymer” on the outside. (*On the inside, write the definitions*)

GLUE UNDER THE ACID, PH, and BASE flaps

8) Fold macromolecule chart and glue in on the next page

9) Cut a piece of paper in half and fold hamburger style. Cut to make 2 flaps. Label the flaps “saturated lipids” and “unsaturated lipids”. (*On the inside, write the definitions*)

GLUE AT THE TOP OF THE NEXT PAGE

10) Cut a sheet of paper into 4 pieces. Fold one of the pieces in half to make one flap. On the front write “Parts of a nucleotide” (*On the inside, write the 3 parts*)