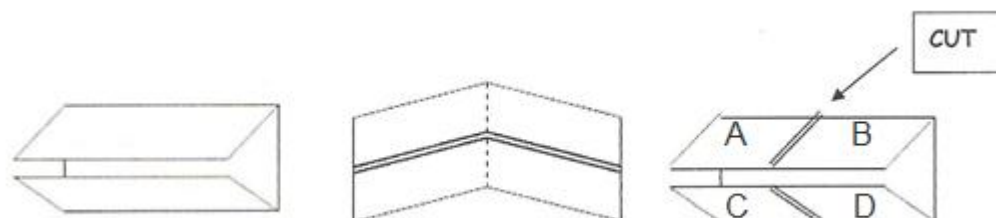


MACROMOLECULE FOLDABLE

Fold and cut a piece of paper as shown below to make 4 tabs.



ON THE OUTSIDE FRONT COVER

Center and write the word **MACROMOLECULE**
write your **NAME** and **PERIOD**.

FRONT SIDE OF TABS:

Tab A

1. Label the tab **PROTEIN**
2. Sketch and color an **AMINO ACID**

TAB B

1. Label the tab **CARBOHYDRATE**
2. Sketch and color a molecule of **GLUCOSE**

TAB C

1. Label the tab **LIPID**
2. Sketch and label a **TRIGLYCERIDE**

TAB D

1. Label the tab **NUCLEIC ACID**
2. Sketch and color a **NUCLEOTIDE**

BACK SIDE OF TABS;

TAB A

1. Give **4** FUNCTIONS OF PROTEINS
2. List **2** EXAMPLES OF PROTEINS

TAB B

1. Give **2** FUNCTIONS OF CARBOHYDRATES
2. List **4** EXAMPLES OF CARBOHYDRATES

TAB C

1. Give **2** FUNCTIONS OF LIPIDS
2. List **4** EXAMPLES OF LIPIDS
3. Sketch and label how SATURATED and UNSATURATED FATS differ
4. Sketch a STEROID (cholesterol)

TAB D

1. Give **2** FUNCTIONS FOR NUCLEIC ACIDS
2. List **2** EXAMPLES OF NUCLEIC ACIDS

ON THE INSIDE UNDER TABS

TAB A Indicate the monomer that makes up the PROTEIN Macromolecule

TAB B Indicate the monomer that makes up the CARBOHYDRATE Macromolecule

TAB A Indicate the monomer that makes up the LIPID Macromolecule

TAB A Indicate the monomer that makes up the NUCLEIC ACID Macromolecule

ON THE BACK OF THE FOLDABLE, Label as ENZYMES

1. Sketch and color an ENZYME and its SUBSTRATE
2. Label the ACTIVE SITE and SUBSTRATE
3. List 2 ways Enzymes effect chemical reactions