**Organic Chemistry Foldable Directions**

**1. On the top of each flap, write the name of one of the 4 types of organic compounds.**

**2. Under each flap in your foldable, write the following information about that type of organic compound:**



 **a. What does the body uses this compound for?**

 **b. What elements make up this compound?**

 **c. What are its subunits? What is it made of?**

 **d. Where do we find this compound?**

 **e. How do we test for this compound? (YOU WILL DO THIS TOMORROW)**

 **f. Draw 2 pictures – 1 of the molecule itself, and 1of a source of the molecule. (ex. Carbohydrates – bread, potato, pasta, etc.)**

**3. Complete the chart and glue it to the back of your foldable**

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Organic Molecule | What elements make it up? | What are the building blocks? | What is the function? | How do we test for its presence? | Draw the structure |
| Lipid |  |  | **Stored Energy** |  |  |
| Carbohydrate |  | **Simple Sugars** **ex. Glucose** |  |  |  |
| Nucleic Acid |  |  |  | **No Test Available** |  |
| Protein | **CHON** |  |  |  |  |