Organic Molecule Graphic Organizer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Organic Molecule | Words to Know: | Structure of Monomer(s)/polymer(s) | Functions (what does it do for your body?) | Examples of where it is found in your body and the foods it is found in. |
| Simple carbohydrates | Monosaccharide  Glucose  Fructose  Galactose  C6H12O6  C, O, H | Draw the structure of a simple sugar: |  |  |
| Complex Carbohydrates | Disaccharide  Polysaccharide  Sucrose,Lactose  Starch,Cellulose  Glycogen  C, O, H | Draw a polysaccharides example |  |  |
| Lipids | Glycerol  Fatty acids  Saturated  Unsaturated  C, O, H | Draw a structure of a saturated fatty acid:  Draw a structure of an unsaturated fatty acid: |  |  |
| Proteins | Amino Acids  Polypeptide  Enzyme  C, O, H, N (P, S) | Draw the structure of a protein: |  |  |
| Nucleic Acids | DNA  RNA  ATP  C,O, H, N | Draw the structure of DNA  Draw the structure of ATP |  |  |