

Name: _____ Period: _____

Biochemistry – Substances of Life (Macromolecules)

Cut and glue or tape the cards where they belong on the chart.

	Lipids	Carbohydrates	Proteins	Nucleic Acids
Building Blocks (or monomer)				
Foods				
Function				
Examples				

Cut on the dotted line above.

Cut out and glue or tape the cards below where they belong on the chart.

Examples include: Hormones, transport proteins, Enzyme – Speeds up reactions	Building blocks (monomers) are monosaccharides like glucose	Examples include: Glucose Cellulose Starch, Glycogen	Beans, Nuts, Meat
Butter, waxy coating on leaves, cooking oil	Building blocks (monomers) are nucleotides	Used for quick energy, structural component of plant cell wall	Long term energy storage, insulation, found as a bilayer in cell membranes
Building blocks (monomers) are amino acids	Not obtained through food, it is inside the cells of ALL living things.	Builds cell structures, hair, nails, horns, muscles	Examples include: DNA RNA
Stores genetic information for cell activities and making proteins	Building blocks are glycerol and fatty acids (no true monomer)	Fruit, bread, rice, potato, pasta	Examples include: Oils, Waxes Fats