

Name _____ Date _____ Period _____

Best Poster Choice _____

Bio-Chem Semester 2

UNIT 1: Macromolecules

Directions: Today we will gallery walk, and while you walk around the room looking at all of the posters I would like you to collect information on **ALL 4** of the macromolecules. Please make sure you are thorough and answer all of the questions, you will be graded on this sheet it must be turned in **TODAY!** Don't forget to choose **BEST POSTER!** (use the names of whose poster).

1. What is a macromolecule?

2. What is a Monomer? _____

3. What is A Polymer? _____

Carbohydrates	Lipids	Nucleic Acids	Proteins
A. What elements make up carbohydrates?	A. What elements make up lipids?	A. What elements make up nucleic Acids?	A. What elements make up protein?
B. What are the repeating subunits or monomer of carbohydrates?	B. What are the repeating subunits or monomer of lipids?	B. What are the repeating subunits or monomer of nucleic acids?	B. What are the repeating subunits or monomer of proteins?
C. Give two uses by the cell.	C. Give two uses by the cell.	C. Give two uses by the cell.	C. Give two uses by the cell.
D. What type of shape do carbohydrates/ sugars have?	D. What type of shape do Lipids have?	D. What type of shape do nucleic acids/ nucleotides have?	D. What type of shape do proteins/ amino acids have?
E. What is the reaction called that combines monomers into polymers?	E. What is the reaction called that combines monomers into polymers?	E. What is the reaction called that combines monomers into polymers?	E. What is the reaction called that combines monomers into polymers?

<p>Carbohydrates continued.....</p> <p>F. What type of covalent bond hooks the monomers together?</p> <p>G. Answer one of the 3 questions on one of the posters that detail carbohydrates. Use a complete sentence.</p>	<p>Lipids continued.....</p> <p>F. What type of covalent bond hooks the monomers together?</p> <p>G. Answer one of the 3 questions on one of the posters that detail lipids Use a complete sentence.</p>	<p>Nucleic Acids continued.....</p> <p>F. What type of covalent bond hooks the monomers together?</p> <p>G. Answer one of the 3 questions on one of the posters that detail nucleic acid Use a complete sentence.</p>	<p>Proteins continued...</p> <p>F. What type of covalent bond hooks the monomers together?</p> <p>G. Answer one of the 3 questions on one of the posters that detail proteins Use a complete sentence.</p>
<p>H. Draw of the shape of the monomer of carbohydrate.</p> <p>I. Draw a polymer</p>	<p>H. Draw of the shape of the monomer of lipid</p> <p>I. Draw a polymer</p>	<p>H. Draw of the shape of the monomer of nucleic acids</p> <p>I. Draw a polymer</p>	<p>H. Draw of the shape of the monomer of proteins</p> <p>I. Draw a polymer</p>