

Goal: Compare & Contrast the important molecules that support life.

In class today you will research ONE of the following (the highlighted one) and tomorrow you will exchange information with your team to get all 4 items.

1. What are the definitions for a monomer and polymer?

*Monomers are _____

*Polymers are _____

Macromolecule (and group name):	Carbohydrates	Lipids	Proteins	Nucleic Acids
Monomer				
Polymer		DOES NOT MAKE POLYMERS		
Macromolecule		Lipid		
Elements associated with Macromolecule (think Periodic Table)				
Examples (3 minimum)				
Function (2 minimum)				
Visual of Basic structure	Sketch 1 sugar:	Hint: they're long and skinny	Sketch 1 amino acid:	Sketch a nucleotide:

NOTE: These links are all posted on Ms. Norton's Edmodo site. Group code=

Dehydration Synthesis & Hydrolysis Reactions

<http://nhscience.lonestar.edu/biol/dehydrat/dehydrat.html>

Carbohydrate Resources:

<http://www2.nl.edu/jste/carbohyd.htm>

<http://www.wisc-online.com/objects/ViewObject.aspx?ID=AP13104>

Lipid Resources:

<http://www2.nl.edu/jste/lipids.htm>

<http://telstar.ote.cmu.edu/biology/membranepage/index2.html>

Protein Resources:

<http://www.wisc-online.com/objects/ViewObject.aspx?ID=AP13304>

<http://www2.nl.edu/jste/proteins.htm>

Nucleic Acid Resources

<http://www2.nl.edu/jste/nucleic.htm>

<http://bcs.whfreeman.com/thelifewire/content/chp03/0302002.html> (Pick Nucleic Acid)