

## **PROJECT: Macromolecules**

You and your team have been assigned to give a talk at a biology conference. The topic of discussion: the four macromolecules. In order to captivate the interest of the aging crowd, you and your team will introduce your topic with a creative project, stimulating energy and interest into the world of proteins, carbohydrates, lipids, and nucleic acids.

### **ASSIGNMENT:**

First you must first come up with a PowerPoint or Prezi presentation. It must include the following information:

1. Name of macromolecule
2. Five examples of it
3. Which periodic elements are used in it
4. Three pictures of the molecule
5. Two pictures of real-life examples of it
6. Name of it's monomers (the smaller parts that make it up)
7. What other types of molecules fall into this category
8. Where the molecule is found in nature
9. Where it is found in a grocery store
10. Where it is found on a food nutrition label

Presentations should last from 5-10 minutes. No longer. No less. You will present these, after the creative introduction, to the entire class. Be creative; and be thorough in your work. This will count as an assessment. There will also be a quiz.

### **THE FUN PART:**

To introduce your team (Proteins, Lipids, Carbohydrates, and Nucleic Acids), you will create one of the following:

1. A rap song about your molecule
2. A poem
3. A story
4. A 1-minute skit
5. An informative cartoon (it will be displayed on the projector)

These must be creative, informative, interesting, and fun. In other words, we want the audience to laugh and learn a little something. See the rubric for grading.

Score:	1 Point	2 Point	3 Points	4 Points	5 Points
<b>Content</b>	Nothing	3 Bullet Points	Half	Over 7 bullet points	All ten bullet points
<b>Content (Counts twice)</b>					
<b>Notes</b>	None	Minor Notes	Half	Three quarters	All information present
<b>Presentation</b>	Unplanned/ Poorly Executed	One-sided: One member doing all the work	One member doing most of the work	Equal participation from all members	All members engaging and informative
<b>Introduction:</b>	Unplanned/Poorly Executed	Missing content	Missing enthusiasm	Pretty good	Funny, informative, and creative.