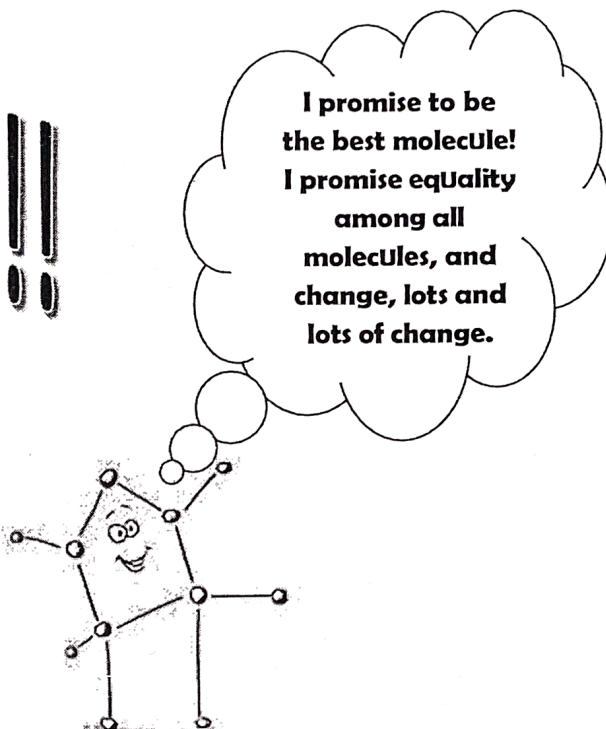


Macromolecule of the Year

Vote for me!!

Worth- 100 points
Due: _____



There are four types of macromolecules you have learned about in class: carbohydrates, lipids, proteins, and nucleic acids. We know that all four are built around the element carbon. Carbon is the building block of life because it can form four very stable bonds with other atoms.

The goal of this presentation is for you to compete against your classmates to see if one macromolecule is more important than another. You are to create a colorful, detailed, "campaign" presentation that shows everyone that your macromolecule is the best and most essential macromolecule for life!

Your presentation must include:

- **Name of your macromolecule:** can be a catchy name as long as it includes the name of the macromolecule chosen. For example: Carl the Colossal Carbohydrate
- **What do you look like?** Focus on the chemical structure for this portion. You can draw a silly molecule as long as it has the basic structure within it.
- **Its supporters / investors / personal friends:** the elements that it's made up of.
- **Monomers and Polymers**
- **Functions:** what are the major functions of your macromolecule?
- **Where do you reside?** Where are you found in cells? What types of foods are you found in?
- **How do you work with other macromolecules? How do you rely on each other?**
- **Why you?** Why are you so special? Why should you get our vote?

Name _____

Macromolecule of the Year Rubric

	Possible Points	Points earned
<u>Title</u> - Name of macromolecule in bold. Make it colorful and eye catching!	5	
<u>Description</u> - Identify ALL the main functions.	20	
<u>Forms</u> - List and describe the monomers (building blocks) and different polymer forms of this biological molecule. Include examples of each.	15	
<u>Chemistry and Structure</u> – Describe chemical makeup and draw/paste a chemical structure diagram of its building block and/or polymer form.	20	
Where do you reside? Where are you found in cells? What types of foods are you found in?	15	
Why you? Why are you so special? Why should you get our vote?	15	
Overall neatness and colorful presentation	10	
Final score:	100	

Comments:

Name _____

Macromolecule of the Year Rubric

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Comments: