

BIOMOLECULE MINI PROJECT

Chapter 3 MP1 2014

You will create a poster relating the 4 biomolecules to foods you normally eat. This is due Thursday Oct 16. You must use at least one food label, describe the four macromolecules- INCLUDING their repeating subunits, the calories they contain, which foods are abundant in them, and WHY/WHERE they are important for the CELL- ***NOT THE BODY****

It must be at least 11 x 14 but no larger than poster size. All objects must be securely fixed to poster. If it is larger than 11 x 14, please make sure that it is rolled up and secured with a rubber band that you must supply.

Each day late is a loss of 25% in the grade. (Each day of the weekend is considered one day) This rubric must be stapled to the front right corner of the poster with your name and science number.

CHECKLIST

- 4 biomolecules named
- Repeating subunit for each(name)
- Repeating subunit drawn
- Calories of each biomolecule except nucleic acids
- Which foods contain a large amount of each biomolecule
- Why each biomolecule is important in a cell- NOT THE BODY!!!!
- Rubric

NAME _____ SCI # _____

3

2

1

0

All 4 biomolecules present	3 biomolecules present	2 biomolecules present	1 or fewer biomolecules present
The repeating subunit for each biomolecule is named	The repeating subunit for 3 biomolecule is named	The repeating subunit for 2 biomolecules are named	The repeating subunit for 1 or fewer biomolecules are named
The repeating subunit for each biomolecule is drawn with attention to the detail of the subunit	The repeating subunit for 3 biomolecules is drawn with attention to the detail of the subunit	The repeating subunit for 2 biomolecules is drawn with attention to the detail of the subunit	The repeating subunit for 1 or less biomolecules is drawn with attention to the detail of the subunit
Where each biomolecule is found in a CELL is shown	Where 3 biomolecules are found in a CELL is shown	Where 2 biomolecules are found in a CELL is shown	Where 1 or less biomolecules are found in a CELL is shown
A food that has a large amount of each biomolecule is given	3 foods are given	2 foods are described	1 or fewer foods that are high in one biomolecule are named
A nutrition label is included on the poster	an uninformative food label is on the poster	Food label is falling off or does not include the macromolecules	There is no food label
The typical calories for each biomolecule are given- EXCEPTING NUCLEIC ACID	The typical calories for 2 biomolecule are given- EXCEPTING NUCLEIC ACID	The typical calories for 1 biomolecule are given- EXCEPTING NUCLEIC ACID	The typical calories for 0 biomolecule are given- EXCEPTING NUCLEIC ACID
Poster is neat	Poster is thought out but poor workmanship	No attention to content or workmanship	Poster is sloppy and/or poorly designed
Contains name, science number and title	Contains 2 of three	Contains 1 of three	Is missing NAME
Poster is handed in rolled secured with rubric stapled to proper place	Poster is not rolled or secured	Rubric is not stapled	poster is not rolled and rubric is not stapled to proper place