

Chemistry 30: An Organic Compound

Name _____ Due Date: _____

Requirements:

My organic compound is _____

1. Itemize the physical and chemical properties for the organic compound: (be sure to use the CRC handbook and / or MSDS sheets). Be prepared to answer questions that will relate the shape and bonding of this compound to its properties.
2. Describe the process(es) that are used to produce this organic compound. Be sure to mention if the process is natural or synthetic or BOTH.
3. Itemize the main uses of this organic compound.
 - Be clear if the uses are natural (like in your body), synthetic, or BOTH.
 - Be sure to comment on the impact(s) that these uses will have on the environment (benefits and damages)
 - If the compound is no longer used, be sure to elaborate on why it is not used and what is used in its place.
4. Construct a 3 dimensional model for this compound that can be hung in the classroom as a mobile. Use the same colour code as we used in the stereochemistry lab.
 - Pay attention to bond angles
 - Describe the resulting polarity or lack of polarity
5. Prepare an activity to engage your audience.
6. Be prepared to answer questions that relate to your topic. Your research needs to be WIDER than your presentation so that you can deal with 'spin off' questions.

This presentation is to be presented to the class. You can work on your own or in a group of two.

The mode of presentation is completely open. Make a video, do power point, write a skit, etc etc. Be creative and make it INTERESTING!

Your presentation will be graded by your PEERS and by your teacher.

Marking Rubric

Out of 29 possible marks

Communication	Exceeds expectations – expands the information in a meaningful way	Meets expectations –provides the bare bones of the required information	Below expectations- information is missing or lacking in clarity
Audible	2	1	0
Appropriate vocabulary Don't use words you can't pronounce!!	2	1	0
Eye contact	2	1	0
Timely	1	0	0
Subtotal			
Information			
Chemical properties	2	1	0
Physical properties	2	1	0
Production of the compound	3	2	0
Uses of compound	2	1	0
Impact (s)of the use	2	1	0
Model	3	2	0
	2	1	0
Sub total			
Activity			
Activity	2	1	0
Ability to answer questions	4	2	0
Subtotal			

Comments and total

Marked by _____