# Organic Chemistry Project

## Introduction

Your task is to present your findings of your research for one of the following topics to the class. Your research should be thorough, but as the topics are limited in scope, your presentation should be no more than 3 minutes (not hours) in length.

Any written work should consist of a half page or less! When researching a specific chemical, find out if it has any common names, what it looks like and what it is used for, and something "neato" (anything that might be interesting or neat about your particular chemical).

I want chemistry! Do not bother with any boring physical data. Attempt to relate your material to ALL the other units that we have covered, if possible (meaning you **must** do so).

You must also make a (i.e. **beautiful**) model of your molecule out of any substance, but it must be of integral artistic ability. Your model will remain long after you have left the building!!! Your model should be appealing, i.e. eye catching and make my room look exciting and interesting.

Your model should be sturdy and easily hung, it should be well labelled with relevant details such as name, formula and any other useful information - this being visible from a distance of 2 meters away. Needless to say that your model should not look messy or sloppy, or appear to have been put together in the car or between classes!!

## Sources

You may only require two or three (or ten) sources for this assignment. Try the Merck Index (Lab or Library), the CRC book, encyclopedias, the JANAF tables, the Internet, your TV guide, your mother's cook books, etc.

## Time line

A written report is due by the 15$^{th}$ of March, of this 58$^{th}$ year of the reign of Queen Elizabeth II, 2002. The presentation shall be conducted one week thenceforth. The aforementioned written report shall be no longer than 1/80 of a farmer's pole (½ a page).

Topics

1. Octane
2. LSD
3. Ethylene Glycol
4. Glycerol
5. Nitroglycerine
6. Cocaine
7. Methanal
8. Ethanal
9. Acetone
10. Mthanoic Acid
11. Ethanoic Acid
12. Angel Dust
13. Salicylates
14. Trichloromethane
15. Tetrachloromethane
16. DDT
17. PCB's
18. Histamine
19. Nicotine
20. Diethyl ether
21. Menthol
22. Methyl salicylate
23. Ethanol (ethyl alcohol)
24. THC
25. Ethyl acetate
26. Vanillin (vanilla)
27. Methyl bromide
28. Propane
29. Cinnameldehyde (cinnamon)
30. Aminobenzene (aniline)
31. Freon
32. Methylbenzene
33. Ethyne (acetylene)
34. Phenol
35. Ethylene (ethane)
36. Sodium benzoate
37. Cipro
38. Viagra
39. Aspirin
40. Ventolin