EVERYDAY CHEMISTRY

**ASSIGNMENT 1**

DUE: 1 FEBRUARY 2021 (HARD COPY, NO EMAILS)

You have 1 weekend for this assignment. It will be graded (It is worth 25 points), and I will use some judgement as to how much thought went into your work. Do not waste the time. Scan through the web, read, speak with friends. Use the weekend to give some solid thought to this assignment. Reflect on Einstein’s comment; **“The whole of science is nothing more than the refinement of everyday thinking”.**

**On 1 February 2021 by the beginning of class, hand in a typed list of 5 ideas/concepts/news items/issues** you wish to know about, in terms of chemistry / biochemistry / atmospheric chemistry / material science / geology …etc.

**Next to each item provide a *very* brief reason as to why the chemistry of the issue captures your attention.** Neither the issues nor the reasons need be fancy … They need only be, written in good faith and genuine.

I will try my best to work as many of the issues brought to my attention, through this assignment into the class lecture periods. I will do my best to satisfy your curiosity … So, for example:

e.g., How does Nexium work? Someone I know takes it, and I would like to know more about it.

e.g., What is climate change all about? Someone I know thinks it is all fake news, but I have my

 doubts.

e.g., Do those pink salt lamps really clean the air and help me stay calm due to ions in the air? I

 thought I might get one for my room.

e.g., What really is the difference between an atom, an element, compound, and molecule?… I

 never understood that in high school.

e.g., What is the difference between Type 1 and Type 2 diabetes? Someone I know has Type 2 but

 does not need insulin … I thought you needed shots of insulin with diabetes.

**So, my question to you is: About what are *you* curious?**

**Type** up your responses (*Never turn in anything written in your own hand… Always type*) Your responses do not need to be long.

As Josh Billings (way before any of us existed …) once wrote; “There’s a great power in words, if you don’t hitch too many of them together”. Learn from your elders, people, and KISS… Keep It Simple Students!