

Christmas Chemistry Songs



Oh Come All Ye Gases

Sung to the tune of *Oh Come All Ye Faithful*

Oh come all ye gases
Diatomic wonders
Oh come ye, Oh come ye
Calls Avogadro
Oh come ye in moles
6 times 10 to the 23rd
Oh molar mass and molecules
Oh volume, pressure and temperature
Oh molar volume of gases at STP.

The Twelve Days of Chemistry

Sung to the tune of *The Twelve Days of Christmas*

On the (first day) of chemistry
My teacher gave to me
A lecture on lab safety
(second day) Two ceramic pads
(third day) Three little beakers
(fourth day) Four work sheets
(fifth day) F...i...v...e golden moles
(sixth day) Six flaming test tubes
(seventh day) Seven unknown samples
(eighth day) Eight homework problems
(ninth day) Nine grams of salt
(tenth day) A ten-page test
(eleventh day) Eleven molecules
(twelfth day) A twelve-point quiz

We Wish You a Happy Halogen

Sung to the tune of *We Wish You a Merry Christmas*

We wish you a happy halogen,
We wish you a happy halogen,
We wish you a happy halogen,
That reacts with a metal.

Strong acids we bring,
To you and your base.
We wish you a happy halogen,
And a merry molecule.

Iron the Red Atom Molecule

Sung to the tune of *Rudolph the Red-Nosed Reindeer*

There was cobalt and argon and carbon and fluorine
Silver and boron and neon and bromine,
But do you recall, the most famous element of all?

Iron the red atom molecule, had a very shiny orbital,
And if you ever saw him, you'd enjoy his magnetic glow.
All of the other molecules, used to laugh and call him
Ferrum.

They never let poor Iron, join in any reaction games.

Then one inert Christmas eve, Santa came to say,
Iron with your orbital so bright,
Won't you catalyze my reaction tonight?

Then how the atoms reacted, and combined in 2s and 3s.
Iron the red atom molecule, you'll go down in CHEMISTRY!

Special thanks to the late George Hague, S.M.S., for the lyrics to "Oh Come All Ye Gases" and "The Twelve Days of Chemistry." George always knew how to captivate his students by adding pizzazz to his chemical demonstrations and extra gusto to his songs. These were some of his favourite songs. The other two songs are from an unknown author.