## **The Elements Song by Tom Lehrer**

Based on Wikipedia:

"The Elements" (1959) is a song by musical humorist Tom Lehrer, which recites the names of all the chemical elements known at the time of writing, up to element number 102, nobelium. The song is sung to the tune of the Major-General's Song from The Pirates of Penzance by Gilbert & Sullivan.

- There's An-ti-mo-ny, Ar-se-nic, A-lu-mi-num, Se-le-nium, And Hy-dro-gen and Ox-y-gen and Ni-tro-gen and Rhe-nium And Nic-kel, Ne-o-dy-mium, Nep-tu-nium, Ger-ma-nium, And I-ron, A-mer-i-cium, Ru-the-nium, U-ra-nium,
- (2) Eu-ro-pium, Zir-co-nium, Lu-te--t(s)ium, Va-na-dium
  And Lan-tha-num and Os-mium and As-ta-tine and Ra-dium
  And Gold, Pro-tac-ti-nium and In-dium and Gal-lium (inhale)
  And I-o-dine and Tho-rium and Thu-lium and Thal-lium.
- (3) There's ¥t(It)-trium, ¥t(It)-ter-bium, Ac-ti-nium, Ru-bi-dium And Bo-ron, Ga-do-li-nium, Ni-o-bium, I-ri-dium And Stron-tium and Si-li-con and Sil-ver and Sa-ma-rium, And Bis-muth, Bro-mine, Li-thium, Be-ryl-lium and Ba-rium.

- (4) There's Hol-mium and He-lium and Haf-nium and Er-bium And Phos-pho-rous and Fran-cium and Flu-o-rine and Ter-bium And Man-ga-nese and Mer-cu-ry, Mo-lyb-di-num, Mag-ne-sium, Dys-pro-sium and Scan-dium and Ce-<u>r</u>ium and Ce-<u>s</u>ium
- (5) And Lead, Pra-se-o-dy-mium, and Plat-i-num, Plu-to-nium,
  Pa-la-dium, Pro-me-thium, Po-tas-sium, Po-lo-nium,
  And Tan-ta-lum, Tech-ne-t(s)ium, Ti-ta-nium, Tel-lu-rium, (inhale)
  And Cad-mium and Cal-cium and Chro-mium and Cu-rium.
- (6) There's Sul-fur, Ca-li-for-nium and Fer-mium, Ber-ke-lium And also Men-de-le-vium, Ein-stei-nium, No-be-lium And Ar-gon, Kry-pton, Ne-on, Ra-don, Xe-non, Zinc and Rho-dium And Chlo-rine, Car-bon, Co-balt, Cop-per, Tung-sten, Tin and So-dium.

These are the only ones of which the news has come to Harvard, And there may be many others but they haven't been discovered.

Note: There are several good YouTube videos to help learn this song. 'Tom Lehrer's "The Elements" animated' by TimwiTerby (Aug 19, 08) is particularly educational. Also, check out a video of Daniel Radcliffe (the actor who played Harry Potter) reciting this song as a party trick. He was quite good at it!

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- There's Antimony, Arsenic, Aluminum, Selenium, And Hydrogen and Oxygen and Nitrogen and Rhenium And Nickel, Neodymium, Neptunium, Germanium, And Iron, Americium, Ruthenium, Uranium,
- (2) Europium, Zirconium, Lutetium, Vanadium
  And Lanthanum and Osmium and Astatine and Radium
  And Gold, Protactinium and Indium and Gallium (inhale)
  And Iodine and Thorium and Thulium and Thallium.
- (3) There's Yttrium, Ytterbium, Actinium, Rubidium And Boron, Gadolinium, Niobium, Iridium And Strontium and Silicon and Silver and Samarium, And Bismuth, Bromine, Lithium, Beryllium and Barium.
- (4) There's Holmium and Helium and Hafnium and Erbium And Phosphorous and Francium and Fluorine and Terbium And Manganese and Mercury, Molybdinum, Magnesium, Dysprosium and Scandium and Cerium and Cesium
- (5) And Lead, Praseodymium, and Platinum, Plutonium,
  Paladium, Promethium, Potassium, Polonium,
  And Tantalum, Technetium, Titanium, Tellurium, (inhale)
  And Cadmium and Calcium and Chromium and Curium.
- (6) There's Sulfur, Californium and Fermium, Berkelium And also Mendelevium, Einsteinium, Nobelium And Argon, Krypton, Neon, Radon, Xenon, Zinc and Rhodium And Chlorine, Carbon, Cobalt, Copper, Tungsten, Tin and Sodium.

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