

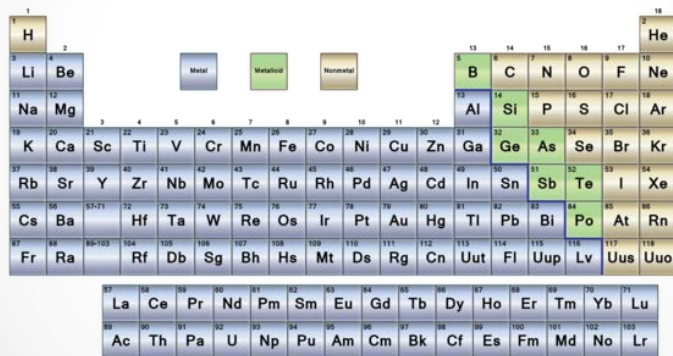
Chemical formula, Part 2

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Year 8 Chemical Sciences

Ionic compounds

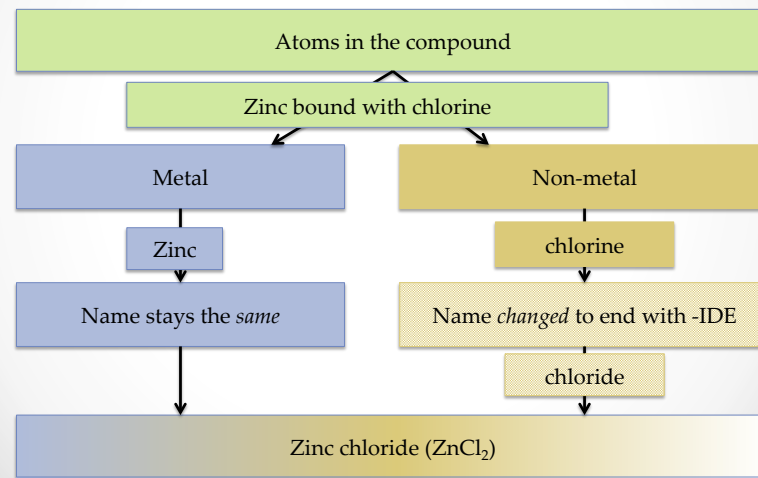
- Metal atom + non-metal atom
 - Chemical bond
- Where are they on the periodic table?
<https://www.youtube.com/watch?v=OoooStZQHdA>
- Non-metal name change
 - to -ide

Which side?



The periodic table is shown with three regions highlighted: Metal (left side, blue), Metalloid (middle, green), and Nonmetal (right side, yellow). The elements are arranged in rows and columns, with their symbols and atomic numbers visible.

Naming Ionic Compounds



Common Metals

Aluminium

Al

Au

Gold

Nickel

Ni

K

Potassium

Iron

Fe

U

Uranium

Lead

Pb

Hg

Mercury

Chromium

Cr

Zn

Zinc

Copper

Cu

Na

Sodium

Name Change Quiz

Sulphur

Sulphide

Iodine

Iodide

Oxygen

Oxide

Phosphorous

Phosphide

Nitrogen

Nitride

Chlorine

Chloride

Activity 12

Carbon Dioxide Pollution





- There is not enough freshwater in some places in the world
- There is too much carbon dioxide everywhere
- All animals need oxygen

- Plants and trees use carbon dioxide and produce oxygen
- Design a research endeavor that may help solve these environmental issues

- _____

Water recycling

Periodic table; metals, non-metals and metalloids