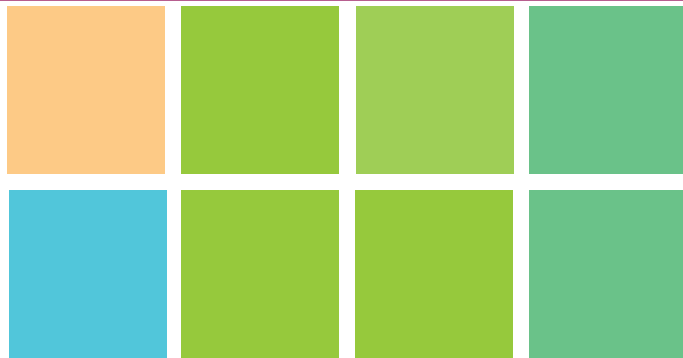


# Molecules & Compounds



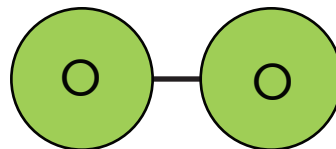
Atoms are the tiny building blocks that make up all matter. Individually, they aren't much good. When atoms join together, they are called *molecules*.

For example, the oxygen we breathe is not single atoms of oxygen; they're actually combined molecules of two oxygen atoms.

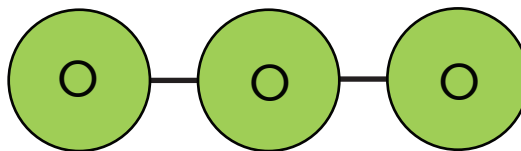
Add one more oxygen atom to the  $O^2$  molecule, and you have ozone, or  $O^3$ .

When molecules of different elements join together, they are called *compounds*. One compound that you may already know is  $H^2O$ , the chemical compound for water.

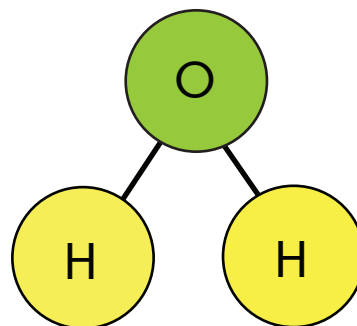
Breathable Oxygen Molecule



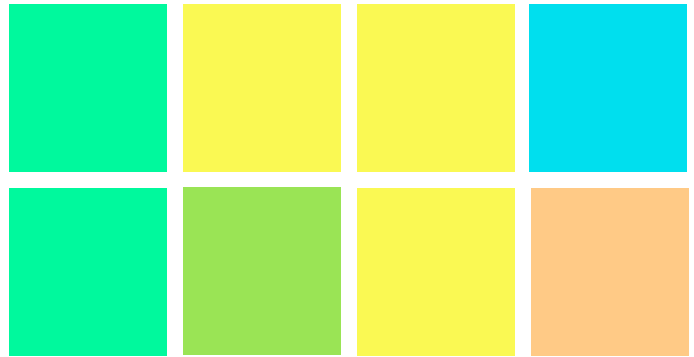
Ozone Molecule



Water Molecule



# Molecules & Compounds



Name any other chemical compounds that you know, and draw their diagrams below.

To draw a diagram use circles with the elements symbols in them and use lines to show where the elements attach to become a molecule.

Carbon Dioxide Molecule  $\text{CO}_2$

