Elements and Compounds
Research Project
Our Compound: Water

By Mrs. Greenberg
Our compound is: H2O
It is made up of: 2 atoms of hydrogen, 1 oxygen atom
Element 1: Hydrogen

- Atomic Number 1: 1 proton, 1 electron, usually 0 neutrons
- Colorless Gas
- Makes up the Sun and stars
- Very flammable on its own
- It likes to be diatomic (bonded to another hydrogen like in the picture)
Element 2: Oxygen

- Oxygen has 8 protons, 8 electrons, and 8 neutrons.
- Colorless gas
- Used for breathing
- Very flammable on its own
- Makes up about ⅕ of our atmosphere
**Compound: Water**

- Made of 2 hydrogen atoms and 1 oxygen atom.
- Clear liquid at room temperature
- Used for drinking, bathing, animal habitats, etc.
- Solid state has more volume than liquid state
- Water molecules are attracted to each other because of their polar (charged ends). This is called cohesion.