

## Periods and Energy Levels

•The periodic table is divided into periods and groups.

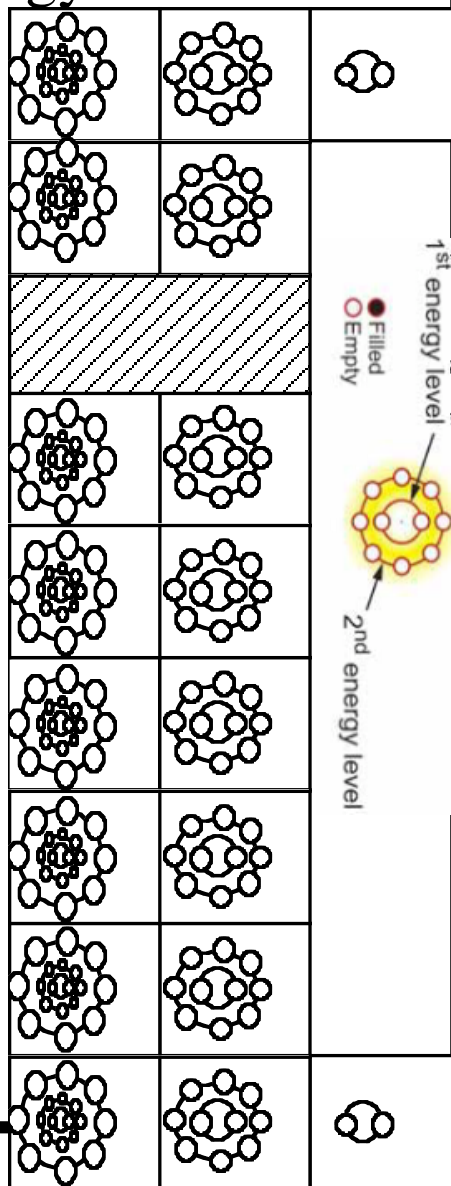
•Each horizontal row is called a **period**.

•Each vertical column is called a **group or family**.

•Atoms "like" full outer energy levels: it makes them more stable.

•Atoms react and form bonds with other atoms to get full electron levels

•**REACTIVE:** reacts easily.



## Water / H<sub>2</sub>O.....

1. Is a **COMPOUND**: Pure substance made of more than 1 type of atom
2. Is a **MOLECULE**: Group of atoms bonded together
3. Has 2 **CHEMICAL BONDS**: holds atoms together
4. Has a **COVALENT BOND**: Electrons are shared.

