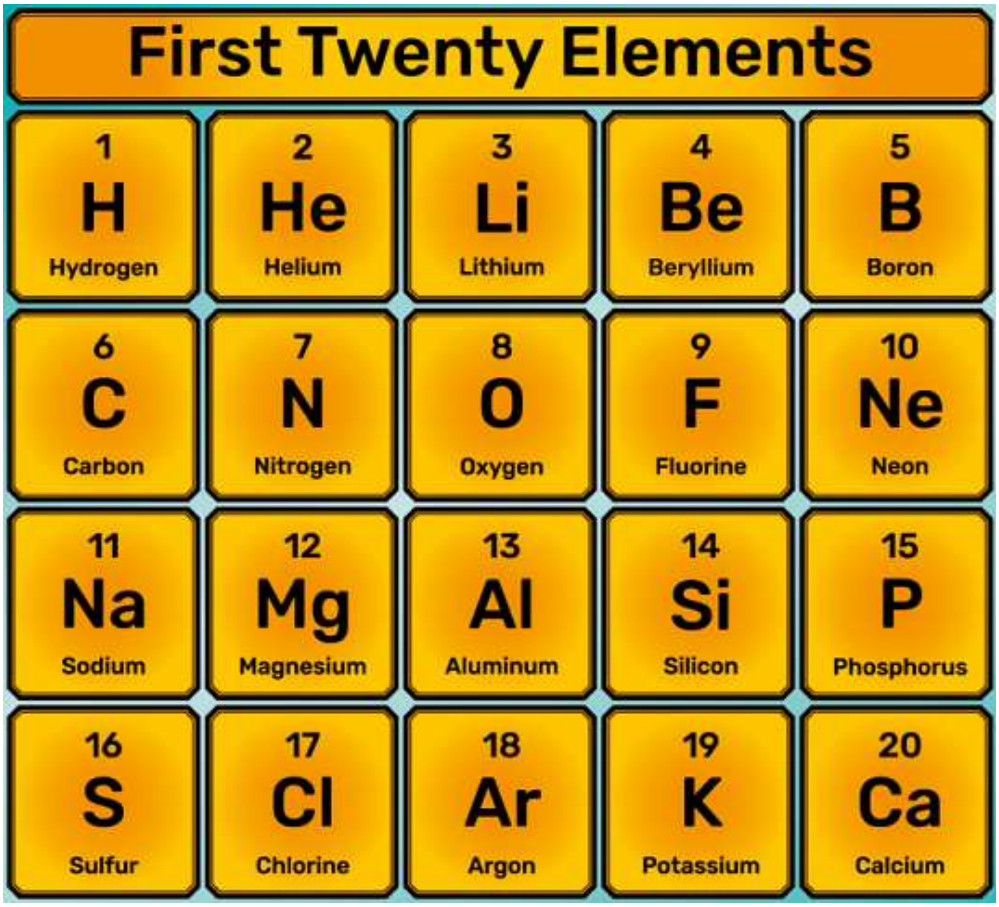
Simple Structure of the Atom

The are there are about 119 known elements

The following illustration shows the names and symbols of first 20 elements of the periodic table.



Atoms are very small particles of an element, but they contain even smaller particles called sub-atomic particles as follows;

- **Protons -** found in the nucleus, they are positively charged (+ve)
- **Electrons -** found in the nucleus, they are negatively charged (–ve)
- **Neutrons -** they can be imagined as circulating the nucleus in energy levels, they have no charge
- In a neutral atom, *Number of protons = Number of electrons*