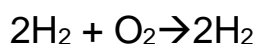
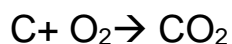


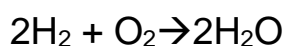
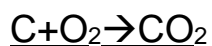
Chemical Reactions.

Chemical Reactions are represented by chemical equations

- Chemical reactions can be represented with models.



Chemical reactions can also be represented by symbols if it occurs in a balanced equation, eg.



The small two (undercase) indicates to us the amount of atoms in the compound.

The big two in front of hydrogen, shows the relationship of the chemical reaction. Eg. 2 molecules Hydrogen reacts with 1 molecule Oxygen to form water. Therefore the equation will be 2:1 (H:O).

Matter can not be made or destroyed.

Atoms can only rearrange.

All the atoms in front of the arrow are called reactants.
The atoms behind the arrow are called products.