BUILDING MOLECULES

<u>Purpose:</u>	Name:	
In this activity you will use me chemical bonds to create mole	olecule kits to show how various a ecules.	atoms are held together by

If a molecule is made of only one type of atom, it is called an _____.

If a molecule is made up of two or more different kinds of atoms it is called a ______

<u>Molecule Kit Legend</u>

Atom	Colour	Bonding Capacity
Hydrogen		
Oxygen, Calcium, Magnesium		
Carbon		
All Halogens (Cl, Br, I, F)		
Nitrogen		

Building Molecules

Molecular Formula and Name	Number and Type of Each Atom	Structural Formula	Element or Compound
Magnesium Chloride			
MgCl ₂			
Ammonia			
NH3			
Hydrogen Gas			
H ₂			
Oxygen Gas			
02			

Hudnogon Donovida		[
Hydrogen Peroxide		
H_2O_2		
11202		
Methane		
CH_4		
Water		
Water		
H ₂ O		
1120		
Carbon Dioxide		
CO ₂		
Methanol		
methanoi		
CH ₃ OH		
0 -		

Acetylene Gas		
C_2H_2		
Bromine		
Br ₂		
Nitrogen Gas		
N ₂		
H ₃ CCOOH		
Acetic acid (vinegar)		
Undragon Granida		
Hydrogen Cyanide		
HCN		
non		
Formaldehyde		
CH ₂ O		
L		