

BA SANGAM COLLEGE

YEAR 12


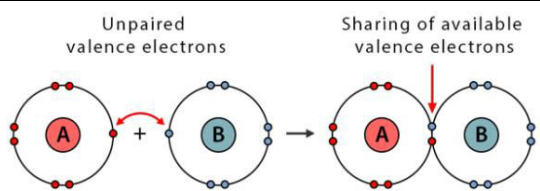

APPLIED TECHNOLOGY

WORKSHEET 2

(Attempt the questions at the back of your exercise book)

MATCHING

Write the correct alphabet in the space provided

1	Element		A	
2	Compound		B	Positive charge
3	Alloy		C	Examples are timber, polymer, glass and leather
4	Ferrous metal		D	Smallest particle of a matter
5	Example of non ferrous metal		E	<p align="center">Unpaired valence electrons Sharing of available valence electrons</p> 
6	Thermoplastic		F	Mixture of two or more pure metals eg. Brass = Copper + Zinc
7	Thermosetting		G	property of metals that defines their ability to be hammered, pressed, or rolled into thin sheets without breaking
8	Non-metals		H	 <p align="center">Heated & Re-Moulded 100's of times! ... can also be recycled!</p>
9	Atom		I	cannot be remolded or heated after it takes the shape
10	Electron		J	Consist of iron
11	Proton		K	Metal is drawn into a wire
12	Covalent bond		L	Material that fractures when subjected to stress eg. Cast iron

13	Malleability		M	Substances that cannot be chemically broken down into simpler substances
14	Ductility		N	pure substance consisting only of atoms that all have the same numbers of protons in their atomic nuclei
15	Brittleness		O	Negative charge

Fill in the blanks

brittle or soft	Ductility	Diamond
Malleability	non metal	Conductivity

- I allow the heat and current to pass through the metal easily. - _____.
- I am a property that allows metals to be drawn into the wires for electricity. - _____.
- I allow the metal to be beaten into thin sheets. - _____.
- One of the properties of non metals is being _____.
- _____ is the hardest non metal.
- A _____ may be either in solid, liquid or gaseous state.

