|  |  |  |  |
| --- | --- | --- | --- |
| **INTRODUCTION TO TYPES OF BONDS** ADD TO IT NOTES | | | |
| **WHY BOTHER MAKING BONDS?** | | | |
|  | | *Add to it in class* | |
| **WHAT HAPPENS DURING A CHEMICAL REACTION?** | | | |
|  | | | |
| **WHICH ELECTRONS ARE INVOLVED IN BONDING?** | | | |
|  | | | |
| **MAIN TYPES OF CHEMICAL BONDS** | | | |
| Name | **Ionic** | **Covalent** | **Metallic** |
| During a chemical reaction: |  |  |  |
| Bond Between: |  |  |  |
| WHY/ HOW? | *Add to it in class* | *Add to it in class* | *Add to it in class* |
| Example | *Add to it in class* | *Add to it in class* | *Add to it in class* |
| Properties |  |  |  |
| **WHY ARE PROPERTIES OF COMPOUNDS/MOLECULES SO DIFFERENT THAN THE PROPERTIES OF THE INDIVIDUAL ATOMS THEY MAKE UP?** | | | |
|  | | | |