

## YEAR 9 A-F - CHEMISTRY

**Week 2 (29<sup>th</sup> March to 2<sup>nd</sup> April)**

**Work Sent to the students through Group email/ Google classroom/Zoom Learning Platform**

### **1.31 -- Types of substances**

**Objective :** Explain why elements and compounds can be classified as ionic, covalent, simple molecular, covalent, giant molecular and metallic.

**Resources :** Text book , Worksheet , GCSE science free lesson video, power point.

Monday- 7 <sup>th</sup> period (Girls) Wednesday – 4 <sup>th</sup> period (Boys)	Compare the structure and bonding in ionic, covalent and metallic structures.  Compare the physical properties like melting and boiling point in these structures Write Answers to Textbook Questions in your notebook . <a href="https://www.youtube.com/watch?v=VtRP6RDwQIg">https://www.youtube.com/watch?v=VtRP6RDwQIg</a>
Thursday - 5 <sup>th</sup> and 6 <sup>th</sup> period (Girls) Wednesday - 3 <sup>rd</sup> and 4 <sup>th</sup> period (Boys)	How the structure and bonding of these types of substances results in different physical properties, including relative melting point and boiling point, relative solubility in water and ability to conduct electricity  Write Answers to Text book Questions and Exam style question in your notebook.  <b>Card Sorting activity.</b>

