

## YEAR 10 (A-E) – CHEMISTRY

**WEEK 6 (26<sup>th</sup> April to 30<sup>th</sup> April)**

**Work sent to the students through Google classroom / Zoom Learning Platform/ Whatsapp group**

**Lesson Objective:** Revision of topics flame tests and photometry, Tests for positive ions and negative ions.

**Resources:** Text book, Worksheet file, video, power point presentations.

Sunday – zero period(boys) Sunday – 8 <sup>th</sup> period (girls)	Reinforcement of flame tests and photometry.  <i>Powerpoint presentation contains interactive questions.</i>
Monday - 5 <sup>th</sup> and 6 <sup>th</sup> period (Girls) Tuesday - 3 <sup>rd</sup> and 4 <sup>th</sup> period (Boys)	Revise precipitation reactions for the identification of positive and negative ions.  Write balanced equations and ionic equations for all the reactions involved.  Solve worksheet file questions.
Tuesday - 8 <sup>th</sup> period (Girls) Monday – 8 <sup>th</sup> period (Boys)	Practice descriptive type questions from past papers.

## YEAR 10 G/H – CHEMISTRY (IGCSE)

**WEEK 6 (26<sup>th</sup> April to 30<sup>th</sup> April)**

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

**Topic 2 – Gases in the atmosphere**

**Lesson Objective:** The combustion of elements in oxygen.

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

Sunday – 7 <sup>th</sup> and 8 <sup>th</sup> (Girls & Boys)	To understand how to determine the percentage by volume of oxygen in air using experiments involving reaction of iron and phosphorous with air. <i>Powerpoint presentation contains interactive questions.</i> Read pg. 139-140 of text bk. Answer Q2 (a-b) on pg. 144 of the text bk Write answers to page 43 of worksheet file.
Monday -1st (Girls & Boys)	Describe the combustion of elements in oxygen, including magnesium, hydrogen & sulphur. Describe the formation of carbon dioxide from the thermal decomposition of metal carbonates, including copper(II) carbonate. <i>PowerPoint presentation contains interactive questions.</i> Read pg. 141-142 of text bk. Answer Q3(a-h) on pg. 144 of the text bk Write answers to page 44 of worksheet file.
Tuesday - 3 <sup>rd</sup> period (Girls & Boys)	Know that carbon dioxide is a greenhouse gas and that increasing amounts may contribute to climate change. <i>PowerPoint presentation contains interactive questions.</i> Read pg. 142-143 of text bk. Answer Q4 on pg. 144 of the text bk Write answers to page 45 of worksheet file.