

## YEAR 10 G/H – CHEMISTRY (IGCSE)

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

**Topic 2 – Inorganic chemistry - Group 7 (halogens)**

**Lesson Objective:** Trend in the chemical properties of halogens.

**Topic 13 – Gases in the atmosphere**

**Lesson Objective:** Composition of earth's atmosphere.

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

Sunday – 7 <sup>th</sup> and 8 <sup>th</sup> (Girls & Boys)	<p>Recall the colours, physical states (at room temperature) and trends in physical properties of these elements</p> <p>List the halogens and suggest the differences between the reaction of group 7 elements with hydrogen and sodium.</p> <p>Write Answers to Textbook Questions in your notebook .</p> <p>Solve questions from worksheet file page 41. <a href="https://www.onlinemathlearning.com/halogens.html">https://www.onlinemathlearning.com/halogens.html</a></p>
Monday -1st (Girls & Boys)	<p>Understand the displacement reactions of halogens.</p> <p>Compare the reactivity pattern of alkali metals and halogens.</p> <p>Write Answers to Text book Questions and Exam style question in your notebook</p>
Tuesday - 3 <sup>rd</sup> period (Girls & Boys)	<p>To know the percentage composition of current atmosphere.</p> <p>To appreciate the experiment to determine the percentage by volume of oxygen in air.</p> <p>Worksheet file questions in page 43.</p>

Textbook questions in page 144.

<https://www.youtube.com/watch?v=uixxJtJPVXk>