

## YEAR 11 A - F – CHEMISTRY

**WEEK 5 (19<sup>th</sup> April to 23<sup>rd</sup> April)**

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

**Lesson Objective:** Revise acids, alkalis, solubility rules, preparation of salts and titration calculations.

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

Sunday – 4 <sup>th</sup> period (boys) Sunday – 7 <sup>th</sup> period (girls)	Carry out a research work on the uses of ethanol.
Monday – 3 <sup>rd</sup> & 4 <sup>th</sup> period (girls) Tuesday – 5 <sup>th</sup> & 6 <sup>th</sup> period (boys)	Establish the relationship between hydrogen ion concentration in a solution and the pH of the solution.  Define neutralisation reaction.  Revise the topic during the Zoom lesson.  Read textbook  Solve past papers. Complete worksheet file questions. <i>Assessment of Sc21a to d in one period</i>
Wednesday - 1 <sup>st</sup> and 3 <sup>rd</sup> (boys) Tuesday – 7 <sup>th</sup> period (girls) Thursday – 7 <sup>th</sup> period (girls)	Explain the general reactions of aqueous solutions of acids with: <b>a</b> metals <b>b</b> metal oxides <b>c</b> metal hydroxides <b>d</b> metal carbonates to produce salts.  Write word equations, balanced symbol equations and ionic equations.  Explain the steps in preparing soluble salt from an acid and an insoluble base and a soluble base.  Describe the method used to prepare a pure, dry sample of an insoluble salt.  Use titration technique to calculate concentration of unknown solution.  Revise the topic during the Zoom lesson.  <i>Watch the videos (links provided).</i>  <a href="https://www.youtube.com/watch?v=9GH95172Js8">https://www.youtube.com/watch?v=9GH95172Js8</a>

<https://www.youtube.com/watch?v=saRBT5oZfh8>

Read textbook

Solve past papers.

Complete worksheet file questions.