***Year 13 Chemistry Class Activities – Term 2; Week 5***

***Topic: Aqueous Equilibrium***

At the end of the class, students should be able to;

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| **define** solubility / common ion effect / complex ion effect |
| **state** Le Chaterlier’s principle on solvents at equilibrium |
| **list** factors that affect solubility |
| **use** Le Chaterlier’s principle to explain the common ion effect, using an  example |
| **calculate** solubility of salts of the type AB2, A2B and AB in water |
| **explain** how temperature affects solubility in an exothermic or  endothermic reaction |

***Student Activities.***

* Read the pdf attached more than two times



* Watch the link given below on YouTube

Link 1: Common ion Effect by Professor Dave

Link 2: Le chateliers principle, ph , solubility by the organic chemistry tutor

* Do activity 10Aand 10B
* Cross check your answers with the solution below.

Solutions to activity 10A and 10B



For any queries, contact me on messenger; mosese vereti