Overview

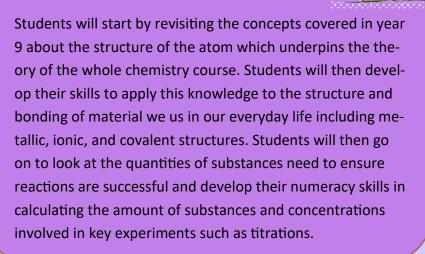
Students will build of their knowledge gained in year 7-9 to develop and deepen their understanding of chemistry concepts like moles, making salts, electrolysis, endothermic and exothermic reactions, and the collision theory which governs all chemical reactions in the universe.

Year 10 Phemistry

Term 3

Students will continue to deepen their understanding of the reactions in their world by studying the energy changes that occur during a chemical reaction when they investigate endothermic and exothermic experiments. This term they will investigate the importance of these reactions and applying them to our everyday life in the form of batteries and hydrogen fuel. Students will finish the year looking at the collision theory. This allows them to deepen their understanding of how the chemical reactions they have investigated so far can be manipulated to increase productivity. Required practical's investigating temperature changes, and the effect of concentration on the rate of reaction will be looked at.

Term 1



Term 2

Students will continue to build on the knowledge they have gained so far about the atom, periodic table, bonding, and calculations to deepen there understanding about chemical reactions. This term will see students investigate acids and alkalis, metals and their reactions and electrolysis. Key required practical's will be introduced during this term such as making soluble salts, titrations and electrolysis of ionic solutions.

