TERM 3 2017
SCIENCE UNITS

Parents, please read on for an overview of the Science unit that will be studied by each year level for the majority of Term Three.

Pre-Primary & Year 1: 'Spot The Difference'

(Chemical Sciences) Changes are happening all around us. Chocolate melts in the sun, water evaporates from puddles and cement hardens in the open air. Predicting the changes that can happen to everyday materials is important in understanding the best way to manage things such as food handling, cooking, construction and packaging.

Year 2 & 3: 'All Mixed Up'

(Chemical Sciences) We are surrounded by mixtures- the air we breathe, the food we eat and drink and our personal grooming products. Chefs try mixing ingredients in different ways to make tasty combinations and interesting textures. Through inquiry, scientists have developed mixtures that are useful for all kinds of purposes, such as alloys, amalgams and paints, to name but a few. Indeed, it can be surprising just how many things that we take for granted every day are the result of inquiry into mixtures. For example, how different our lives would be without the myriad of inks, glues and detergents at our disposal.

Year 4 & 5: 'Material World'

(Chemical Sciences) New materials have revolutionised modern life. Plastics have been used instead of glass in bottles and windows, and even instead of metals in aeroplanes. Lighter, stronger, warmer fabrics have made extreme weather conditions more comfortable. Designers incorporate new materials in clothes and bags to better suit our needs. Materials scientists are now researching materials that have desirable properties but which have less impact on the environment.

Year 6: 'Earthquake Explorers'

(Earth and Space Sciences) Major earthquakes cause dramatic changes to the Earth's surface. Strong earthquakes can affect millions of lives by causing buildings to collapse, destroying roadways and bridges and affecting basic necessities such as electricity and water supply. Fortunately, the majority of earthquakes are barely noticed. It is still not possible to accurately predict where and when an earthquake will happen. However, greater understanding of their causes helps scientists estimate the locations and likelihood of future damaging earthquakes.

A very exciting term in Science lay ahead! For more details on any of these units, please don't hesitate to ask.

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