TERM 1 2016
SCIENCE UNITS

Parents, please read on for an overview of the Science unit that will be studied by each year level in Term One. Each class will be studying a Biological Sciences unit this term.

Pre-Primary & Year 1: ‘Staying Alive’
All creatures, including humans, use their senses to gather information about their environment. Animals may use well-developed eye-sight, a strong sense of smell or large ears as tools to sense dangers that might threaten their survival. Humans also use their senses to gather critical information about their own safety and for planning to meet their basic survival needs. In this unit, students will investigate how animals and humans use their senses to meet their basic survival needs.

Year 2 & 3: ‘Watch It Grow’
All animals have their differences, but share a similar cycle of growth, change, reproduction and death. Through an understanding of a species’ life-cycle, we can help to protect and preserve endangered species and manage and control unwanted pest species. In this unit, students will explore the processes of growth, change, reproduction and death that apply to all animals.

Year 4 & 5: ‘Package It Better’
Packaging has become an important industry in modern times. Almost everything we buy comes in some type of packaging, whether it be metal, foil or plastic-some of these materials didn’t even exist a few decades ago. Packages need to not only protect their contents, but also need to be financially and environmentally sustainable, while being attractive to customers. For these reasons, companies will put their packaging through vigorous testing. This unit will provide students with opportunities to design, create and test their own packages for different purposes. Students will discover more about the qualities of the raw materials used to create packaging and develop their skills of scientific investigation.

Year 6: ‘Marvellous Micro-Organisms’
Micro-organisms affect everyone. Some are helpful, while others are harmful. Pathogenic micro-organisms can cause diseases like sore throats, influenza, tuberculosis and AIDS. Decomposer micro-organisms decay rotting plant and animal matter, returning important nutrients to the soil. Food spoilage micro-organisms such as mould ruin stored food. Other bacteria and yeasts are vital to the production of food and drinks like yoghurt and bread, and beer and wine.

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

Brett Wilkie
Assistant Principal