Parents, please read on for details of the Science unit your child will be working on for the majority of this term. If you would like more information on any of these units, please don’t hesitate to ask.

**Pre-Primary and Year 1: ‘What’s It Made Of?’ (Chemical Sciences)**
All around us are things made from interesting materials that have observable properties. Who would once have imagined things like CDs, self-adhesive notes or floppy silicone ovenware? Materials that we now take for granted are the products of imagination and exploratory science. What new materials will be part of the world of the future and how might existing materials be used in new ways? What might materials allow us to make and do?

**Year 2 and 3: ‘Melting Moments’ (Chemical Sciences)**
Every day we see or use things that have been melted or frozen, heated or cooled. All around us are items that we find both useful and attractive that have been moulded into different shapes using heating and cooling. These can range from cast iron frying pans and plastic rubbish bins to chocolate bars. Understanding the properties of materials and how they change state under different conditions can help materials scientists to develop even more extraordinary products to help improve our quality of life.

**Year 4 and 5: ‘Beneath Our Feet’ (Earth and Space Sciences)**
We live in a world that is constantly changing. Even things we might consider immovable, such as mountains or rock formations are gradually changing, sometimes with processes that are visible in our lifetimes. The modifications might affect us either through catastrophic events such as landslides or through gradual processes that change the quality and composition of soils we rely upon for sustenance.

**Year 6: ‘Change Detectives’ (Chemical Sciences)**
What makes things change and what affects how fast they change? Why do some things burn more fiercely, rust more quickly or smell more strongly? The whole world is made up of particles that are constantly moving and reacting with one another in fascinating ways. Science seeks to understand why and how substances change, and this has led to advances in everything from food preservation to fire control.

Brett Wilkie
Assistant Principal