

SCIENCE



Primary Connections Units Term 4, 2017

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 & Year 1: 'Up, Down and All Around' (Earth and Space Sciences)

Look out your window and you will see a constantly changing world. The sun rises and sets and the sky reflects many different hues over a day. The landscape, everything we know about the environment began by observing it. Environmental modelling, space exploration and city planning all rely on careful observations of the land and sky.

Year 2 and 3: 'Water Works' (Earth and Space Sciences)

Water is essential to life. As humans, we not only drink water, we use it for cooking, hygiene, recreation and agriculture. Australia is a dry continent with an expanding population, and how we use water has become increasingly important. Water is a precious resource.

Year 4 and 5: 'Earth's Place in Space' (Earth and Space Sciences)

Humans have always looked with wonder at the movement of celestial bodies in the sky. We have used its rhythms to define our days, our months and our years. Not only have we defined time by these patterns, we have also learned to navigate using their predictable motions. Scientists have used observations of the day and night sky to understand our place in space. With the advance of technology, astronomers seek answers to the big questions in life, such as the origins of the universe and the existence of life on other planets.

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