

## Science Term 3 2019 Curriculum Update

### Yr 1 Up Down and All Around

Our world is constantly changing. The landscape and everything we know about the environment began by observing it. In this unit, 'Up, Down and All Around', students will explore the natural, made and managed features that undergo change and through observations will investigate the weekly and seasonal changes in their local environment.

### Yr 2 Watch It Grow

All living things have a cycle of growth and change. Understanding more about life cycles can help us in many ways. In this unit, 'Watch it Grow', students will explore the growth of living things and the processes of growth and change that apply to animals and will compare the growth of living things under different conditions.

### Yr 3 Spinning In Space:

The rising of the Sun and Moon are daily reminders of the wonder, beauty and power of the universe. In this unit, 'Spinning in Space', students will explore the sizes, shapes, positions and movements of the Earth, Sun and Moon in relation to each other. They will investigate how this is linked to day/night and why shadows change throughout the day.

### Yr 4 Plants in Action

We depend on plants for oxygen, food, fibres, building materials, medicine and fuels. In this unit, 'Plants in Action', students will be encouraged to develop a sense of wonder and appreciation of plants as they explore the processes of pollination and germination, the stages in a plant's life cycle and the environmental conditions that plants need for growth.

### Yr 5 Earth's Place in Space

Humans have always looked with wonder at the movement of celestial bodies in the sky. Scientists have used observations of the day and night sky to understand our place in Space. In this unit, 'Earth's Place in Space', students will explore how the patterns in the sky relate to days, months and years, the elements of our solar system and the Earth's position within it.

### Yr 6 Marvellous Micro Organisms

Micro-organisms affect everyone. Some are helpful, while others are harmful. In this unit, 'Marvellous Micro-Organisms', students will explore the role of micro-organisms in food and medicine

through investigating the conditions micro-organisms need to grow, learning about yeast and the bread making process and researching the development of penicillin.