



Newsletter:

SCIENCE & SUSTAINABILITY

Term 3, 2017

Welcome back from the break everyone! This term in Science & Sustainability we will be learning about the Physical Sciences. We have lots of engaging lessons planned for Term 3 to teach the students about this very exciting topic!

What we expect the students to learn in Preps:

In Term 3 the Preps will look at how a variety of objects move and the factors that affect their movements such as size and shape. We will learn about terms such as *push, pull, bounce, slide, roll* and *spin*. We will also look at how humans move and the body parts that enable them to move. Students will be involved in lots of practical activities and investigations during this unit. Students are encouraged to bring along any sort of moving toys to share with the class during this Science unit.

What we expect the students to learn in Grades 1 & 2:

This term Mrs Davies will be leading the Grade 1 and 2 students as they learn about light and sound. They will explore how these stimuli are produced and how we sense them in our environment. Students will explore the different sources of light and investigate how different sounds are made using various objects and they will be encouraged to feel the vibrations as sound is produced. They will report their findings by describing the difference in pitch (high or low) and volume (loud and soft). Students will participate in a range of hands on experiments and record their predictions and observations in their Science Journals. It would be helpful for students to bring along an empty tissue box for an experiment later in the term. Thank you for your support.

What we expect the students to learn in Grades 3 & 4:

This term, the Grade 3 and 4 classes will be looking at the different ways heat is produced and how heat is transferred from one object to another. Students will identify heat sources at school and home and carry out an investigation to see how well different materials conduct heat. Students will also find out how thermometers work and use them to measure the temperature of various things at school.

What we expect the students to learn in Grades 5 & 6:

This term, the Grade 5 and 6 classes will learn about light and how it travels. They will be involved in various activities and investigations to learn about reflection, absorption and refraction of light. Students will need to bring a shoe box to make a peek box. We will also be constructing a periscope to demonstrate that light travels in straight lines and is reflected. Finally, students will conduct an investigation into shadows.

**If you have any queries, suggestions or comments, about the Science & Sustainability Program, are interested in helping in the Science room, or would like to donate any materials that you think we may be able to use, please see Mrs Polini or Mrs Davies at school.*

Regards,
Julie Polini & Laura Davies
SCIENCE & SUSTAINABILITY
Sunshine Heights P.S.