

## Grade 5 Learning at Q.O.P- Term 4

Dear Grade 5 Families, it is hard to believe we are halfway through term 4! The students had a terrific time on camp and got to experience a variety of team building activities which really challenged them. The Grade 5 students have been participating in Scientific Inquiry rotations and been learning about Earth Sciences, Chemical Sciences and Physical Sciences. The students have loved participating in a variety of science experiments and writing them up in a scientific report just like real scientist does. The students have been preparing for our leadership day and are looking forward to participating in the prayer night with their families.

### Faith Life Inquiry- Scientific Innovation

- The students explored how our faith guides us to work together in solidarity to make decisions, based on shared values, for the good of all.
- They looked at how Jesus is a role model and an innovator who shows persistence and sacrifice.
- The students explored how materials have a range of properties that can change and that these changes can be reversible or irreversible.
- Students explored how light can be absorbed, reflected and refracted.
- The students looked at how extreme weather conditions can affect Earth's surface.
- They investigated how solutions by making predictions and asking questions using scientific knowledge.
- The students explored the process that scientists follow to find out how the world works and looked at how engineers follow a design process to find solutions to problems and create opportunities.

### Literacy-

- The students are planning, drafting and publishing a range of different explanation and procedural texts.
- They have continued to participate in Literature Circles to critically discuss a text.
- The students have been encouraged to think beyond the text and make personal connections.
- Students have been practising the skills of inferring, questioning and analysing the texts they read.

### Mathematics-

- The students will discuss the importance of measurement and what occupations rely on measuring skills.
- Students will explore equivalence and conversion eg. The relationship between standard units of measure,  $1 \text{ km} = 1\,000 \text{ m}$   $1 \text{ m} = 100 \text{ cm}$   $1 \text{ cm} = 10 \text{ mm}$ .
- The students will use formulas to discover the area and perimeter of regular shapes.
- The students will explore volume and capacity using concrete materials.
- Students will be encouraged to interpret different types of data and discuss their observations.

### Year 5 Leadership Day-

On Tuesday November 13th, the student's participated in the Year 5 Leadership Day, which focused on leadership skills and qualities. They heard from our current student leaders and were lucky enough to speak to Luke Matthews an Olympian and Bronze medallist. They also participated in teamwork activities that encouraged them to work on their communication and interpersonal skills.

### Art-

In Art students began the term by mounting and presenting their own artworks, for the Art Show. They continued exploring and extending their understandings about lines and shapes and how they can be exaggerated and distorted. The children learnt about Warli and Picasso and they drew Picasso inspired Cubist faces. They modelled the faces in clay before painting them.

### Specialists-

In Music, the children participated in activities preparing for "Music Count Us In" which was held on November 1<sup>st</sup>. The learning tasks included researching how the song was created, recorded, and the performance style of the instruments used in the song. The children will continue recorder playing, identifying features and following formal notation. They will combine aspects of the elements of music and use performance skills to play simple melodies while exploring various styles, tempos and rhythmic patterns. PS. Thanks for your support of "Music Count Us In".

In Italian, the students will be learning about the history of Pompeii. They will also take part in an experiment of an erupting volcano. The students will learn about the story "Il Piccolo Capitano, a story which involves Italian language about transport. This topic will include learning about Italian cars. We will finish off the term with information about an Italian Christmas and activities.

In Sport, children are continuing to practice their orienteering skills. They will continue to refine their navigational skills using cartographical maps, leading into the Victorian Primary Schools Orienteering Championships. On conclusion of this unit, Grade 5 children will participate in a Year 6 Interschool Sport unit.

