Dear Parents, Carers and Community Members,

It’s been great to see such high participation in our swimming program this week – it’s clear to see that our students are greatly enjoying the opportunity to improve their swimming skills (as well as cooling off during the hot day!)

We have quite a few events occurring this week. This Thursday we are celebrating World Teachers Day. This is a great opportunity for us all to reflect on and appreciate the hard work that our teachers put into not only planning, teaching and assessing but providing support to students socially, emotionally and academically. The workload of teachers has grown so much over the years and it is important that we acknowledge the great work that they do in educating and caring for our children. Thank you!

This Friday our school will be participating in Day for Daniel – a day where we honour the memory of Daniel Morcombe as well as raise awareness about child safety and protection and to promote a safer community for children. We will be running some activities here at school and we also ask parents and carers to start a conversation about personal safety with their children – both in the real world and in an online environment. Students are encouraged to wear red to school this Friday and to bring along a gold coin donation.

This Friday is also National Bandanna Day. Bandannas are still for sale from the Yr 4/5/6 classroom before and after school. All money raised goes toward supporting children living with cancer. Students are encouraged to wear their bandannas to school this Friday.

See you all at our Halloween Disco this Friday!

Until our next newsletter…. Jessica Wertz, Principal

Believe you can and you’re halfway there – Theodore Roosevelt
This term we’ve been learning lots about sight and sound in Science and the children have been showing keen interest in this learning area, even though it is a difficult subject for some of them to grasp. We’re hoping to examine and observe toys that make light and sound this week. If you have toys that are able to be sent to school for our observations, please send them along.

Some children have been falling asleep in class on a regular basis, missing out on whole subject areas for the day, sometimes two and three times weekly. Perhaps this week, especially with increased exercise in the pool, it may be a good idea they have some extra early nights so that they have the energy to get through the day.

Three year 1’s achieved 100% in their spelling test last week, congratulations! All year 1 students have their spelling in their homework book every week so that parents can practise with them at home if they wish.

Congratulations to the preps for last week’s attendance award – it would be great to see this fantastic attendance continue! Have a lovely week everybody!

In science last week we explored how properties change when heat is applied. We decided that ice is a solid matter as it matches the properties that we listed for solid objects last week. These properties include a fixed shape and volume and not flowing. However, we found that when we applied heat these properties changed and we saw a solid (ice) turn into a liquid (water). We know that water is a liquid because it has a fixed volume, it can change shape and it flows.

We also enjoyed exploring how heat can be applied. We used our knowledge from our science unit ‘heat it up’ to help us think of ways to apply heat to an object. We first melted ice by placing it in the sun. This took the ice-cube between 5 and 13 minutes to melt. Then we thought how we could melt the ice-cube using our body heat. Some students placed the ice-cube in their mouth and others rubbed the ice-cube in their hands. We found that rubbing it quickly melted the ice-cube faster than any other method.

**Students of the Week**

**Hayley** – for improved effort & behaviour in all curriculum areas, listening and showing more confidence in her learning.

**Kyle** - for his determination and focus in English and Maths and for always being a wonderful and considerate member of the class.

**Makiya** - for working hard to complete her science work independently.
Week 4 is already upon us, and our class have been focused and determined to work as hard as they can with persuasive argument planning and writing every day in preparation for assessment time. Students have really knuckled down in their efforts to write the most convincing arguments possible. Students have been practising planning an argument following the structure of an introduction, expression of point 1,2 and 3 and a conclusion. We have written a nuclear energy argument together and now students are independently writing an argument trying to convince either parents or Santa to buy or make a certain toy or electronic device for Christmas. I’ve been quite impressed with the use of emotive language which helps to convince the reader all the more.

Maths this week for our class has included a range of different topics including data and statistics for the year 6s and 24 hour time for the year 4s and 5s. The year 6s have enjoyed planning and conducting a survey on ‘favourite music genres’ of year 2 to 6. They showed great initiative in asking and recording their primary data from Miss Carvill’s class and the year 2/3/4s were wonderful for partaking in the survey, thank you very much to Miss Carvill and her class. We then gathered together our findings and placed them into an excel document where it was easy to analyse. The year 6s are enjoying exploring and experimenting with graphs and formulas, this is a great exercise to incorporate both ICT and Maths, a great skill for high school next year. In addition to this, the year 4s and 5s have been looking at 24 hour time or whole time to be more precise. We enjoyed exploring where this type of time can be used including in the army and finding out why this time is used rather than normal 12 hour time.

As we pass through week 4, please remind your students to bring their swimming gear along with them as swimming classes run all the way through to Friday. Have a lovely week 4.

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**The Quest Challenge**

*By Jasmine, Xahn and Tehiyana*

The Quest Challenge was a held at Trinity Anglican School. Over the two days we learnt about various topics in Science, Humanities and Maths. For Science, we studied thermodynamics and had to create a board game about it which was surprisingly hard! In Humanities we studied the Norse Gods. After this we completed a test where we had to answer questions about the Vikings and their Norse religion. We also had to read two myths about Odin and answer more questions. This was so interesting! After this we had to write a giant ‘short story’, but we didn’t get time to finish it. Finally for Maths, we studied geometric patterns and then for our test, we had to come up with a geometric pattern of our own. Overall the Quest was a great experience for all of us!

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**HALLOWEEN Disco!**

**WHEN:** Friday 28th October 6pm to 8pm

**WHERE:** Machans Beach Community Hall

**FOOD & DRINKS TO PURCHASE**
- curry – pizzas – sushi
- slushies - sweet treats

**$2.00 Entry**

*For Machans Beach State School students and their younger siblings only*
A very popular activity last week was making plaster moulds which we painted with water colours. A lot of messy fun and the end products were fantastic! We also finally got around to making a bird feeder which we are going to put in the garden behind OSHC.

The kids are also now doing their own dishes after breakfast and afternoon tea! Along with the breakfast bar and more ‘do it yourself’ afternoon tea’s, the kids are really enjoying the ‘learning life skills’ aspect to our program!