Settlers Primary School’s 2014 Science Week activities were a huge success! Each block participated in Tabloid Science challenges during National Science Week from August 18th to 22nd. All the students had a fantastic time and were engaged in some really fun and exciting science activities.

Thankyou so much to the parent helpers who ran the science stations throughout Science Week. Without your invaluable support Science Week would not have been possible. Some parents even helped out on more than one day, which was fantastic. I would like to acknowledge the following parents for their assistance and hard work:

Michelle Carlyon, Jo Mearns, Helen Geers, Michelle Cawse, Daryl Stout, Brenda Boden, Rebecca Reeves, Sam Laden, Tony Laden, Natasha Laden, Silvija Woodhouse, Jasmine Wright, Cate Bell, Bev Pinguet, Ellie Oliver, Jen Howard, Steve Dale, Sharon Taylor, Julie Brennan, Katy Woodvine, Maiko Pickens, Maree Chessell, Naomi Foster, Leeanne Antulov, Yvonne Ho, Scott Brady, Mardi Wishart, Caroline Sharp, Donna Haley, Tony Pine, Nick Langmaid, Veronica Botting, Katrina Manaia, Louise Brockman, Jackie Swar, Dan Gooden, Jodie McGann, Jaime Goodall, Coryn Rozvaczy, Joanne Bell, Neervana Yazdan, Anna Satya, Kate Quintana, Tracey Bodin, David Twigg, Tina Joslin, Louise Leeson, Vanessa Tamatoa, Dana Williams-Lemon, Zahra Dastyar, Kylie Mexsom, Tanya Beresford, Sam Richards, Kristy Dilazzaro, Stephanie Nally, Peter Olsen, Karen Jerrett, Kellie Green, Julia Connor, Tracey LaRoche, Jessica Luck, Josh Carter, Elaine van Baardewijk, Roger Haskell, Kellie Turner, Kylie Brennan, Marianne Dover, Jay Simmonds.

I’d also like to thank all the families who donated Science resources to the school.

Many classes continued the science learning in their classrooms last week and we had a competition for each block to write a submission to be included in this Science Week newsletter. The winners will be acknowledged at the Junior assembly on Friday August 29th and the Senior assembly on Friday September 5th and will receive a prize. Here are the winners and runners-up from each block. Well done to all the winners. The winning entries will be on display on the Science Room windows until the end of term.

Sarah Beahan
Science Specialist Teacher

Kindy
Winner: Charlotte K1A
Runner-up: Kaycee K1B

A Block Pre-Primary
Winner: Sienna A4
Runner-up: Maia A3

B Block
Winner: Samantha B5
Runner-Up: Sean B4

C Block Year 3
Winner: Beau C4
Runner-Up: Josh N C6

C/F Block Year 5
Winner: Sophie C3
Runner-Up: Jacob C3

D Block
Winner: Gesil D5
Runner-Up: Esther D6

E Block
Winner: Ryan E5
Runner-Up: Patrick E1

F Block Year 4
Winner: Jackson T F2
Runner-Up: Libby F3

F Block Year 5
Winner: Libby F3
Runner-Up: Patrick E1

Kindy Winner: Charlotte K1A
A Block Pre – Primary  Winner: Sienna A4

Science Week Activities

An activity I enjoyed.

An activity I enjoyed.

An activity I found challenging.

An activity I didn't enjoy.

Today in science day I learnt to add something.

In the tin to make loud sounds use soft sounds.

I learnt that activities you can cond catch catch.

Use paper to catch bubbles up in the sky.

Citrus Light Bulbs  D Block

Plasticine Bridges  D Block

Build a Boat  C Block Year 3

Paper Gilders  C Block Year 3
On Wednesday I done science activities with Miss Beahan. First of all me and my class were doing the Hot Cross Challenge. I thought that the challenge was quite fascinating, because the jar with not a lot of water made a higher pitch and the jar with more water made a lower pitch. After that we walked over to the challenge called Free Fall, where we had to drop things. Some things had more weight than others. Some of the other objects glided because the air underneath it was trapped causing it to float. The next thing was the building blocks but the hard part was we weren’t aloud to use our hands! It was just like we were animals because animals don’t have hands but my group made the second biggest tower just by using our elbows! Then I done 5 cent science so I thought “this would be interesting” and it was interesting because I was so surprised how many drops of water my group could fit on it. Because my group fitted twenty on the 5 cent but then it burst. The last thing that was my favourite was the penguin eggs. If the penguin egg touched the ground the little baby emperor penguin would freeze and die and that’s the end of my report.

By Samantha
On Thursday 21st August 2014 Year Ones Mrs Behann, the teachers, and parent helpers did Science week Activities. It was held in E block. And my favourite was the Bubble Prints because it was kind of art and the science behind it was Bubbles aren’t always spheres some turn into hexomons, and I loved it.
F Block Year 4  Winner: Jackson T F2

On the 19th of August F2 had the year 4’s had science week. There were four activities, Activity one was balloon races, activity two was Or-wings, activity three was Fizzy balloons and four was float and sink.

The Fizzy Balloons activity was all about chemical reactions. What you have to do is pour half a cup of vinegar into an empty bottle using a funnel. Use the fun to pour a quarter of a cup of bicarbonate soda into the bottle. Put the balloon tightly on the bottle top which should push the bicarbonate soda down and into the vinegar creating the chemical reaction.

The balloon racers activity was all about friction. Someone had to blow up your balloon and stick a string on its back a long piece of string through the string and pull it tied. Will go off the end of the balloon and it should fly across the rope creating friction on the string.

The Or-wing activity was all about gravity. With the long and short piece of paper stick tape it to a circle. Stick tape the string on the outside of the circle. Go outside and see how long it will stay in the air. If it stays in the air for a long time it means air is going through the hoop which allows gravity to not pull it down as fast.

The last one and activity was all about who shape float and what effect it has. We had to test many objects. The two objects were the peg and the lemon. My group and I thought the lemon would sink and the peg would float but they did the complete opposite.

This science week was pretty fun so I’d like to thank Miss Beaton. I wonder what were going to do next year.
On Friday 22nd of August, my class c3 & all of the other grade 5 classes participated in National Science Week. We were split up into groups of 3 or 4 and rotated to each activity in them. My group was made up of Febi, Chris & Zac. The activities were set up in different locations, there were 4 of them & they were called: Marshmallow Catapults, Creating Craters, The Emperor Penguin Egg Game & Paper Bridges.

Marshmallow Catapults: This was our first activity & in our groups, we had to create a catapult using: a wooden block, a plastic teaspoon, 2 rubber bands & some marshmallows. We tested to see if the height of the block, how much ruler we hit & the force when we hit the ruler to see if it had an affect on how far the marshmallow went. The science behind this was depending on how hard you hit the ruler, is how far it's going to go. For example, if you hit the ruler softly the marshmallow doesn't go very far, but if you hit it hard, the marshmallow will go further.

Creating Craters: In this activity, we had to measure how deep & how wide the craters were after we dropped an object into the sand. The objects we had were ping-pong balls, golf balls, tennis balls, lemons & soft balls. The science behind this was the heavier objects (like the golfball) make deeper craters, the bigger balls (like the softball) make wider craters, & small light balls (like the ping-pong ball) make small craters, sometimes no craters at all. We tested how high we dropped the objects from & that also had an affect on how deep or how wide the crater will be.

The Emperor Penguin Egg Game: In this game, with or partners we got given a round, fluffy ball & had to put it on our feet pretending it was an egg and walk (or waddle) to our partners without dropping the ball. Then once reached our partners, we have to try & put the ball on their feet still trying not to drop it, because in cold climates where penguins live, if the egg is on the ground for more than 1-2 minutes, the egg freezes & the baby dies. The science behind this activity is balance, you need to have your feet on the right angle & in the right position while walking (or waddling)

Paper Bridges: In this activity, we had to make a bridge in-between 2 desks (20cm apart) out of paper. After making the bridge out of the piece of paper, we put washers on to test how strong the bridge is. We discovered that if you fold the paper into a zig-zag pattern, it’s compressing the paper together giving the bridge more structural support & making the bridge stronger, then it'll hold more washes.

I really enjoyed science week this year & CAN'T wait until next year!! I would like to thank Miss Beahan & all of the parent helpers who made Science Week possible.
C Block Year 3  Winner: Beau C4

D Block Year 6/7  Winner: Gesil D5