

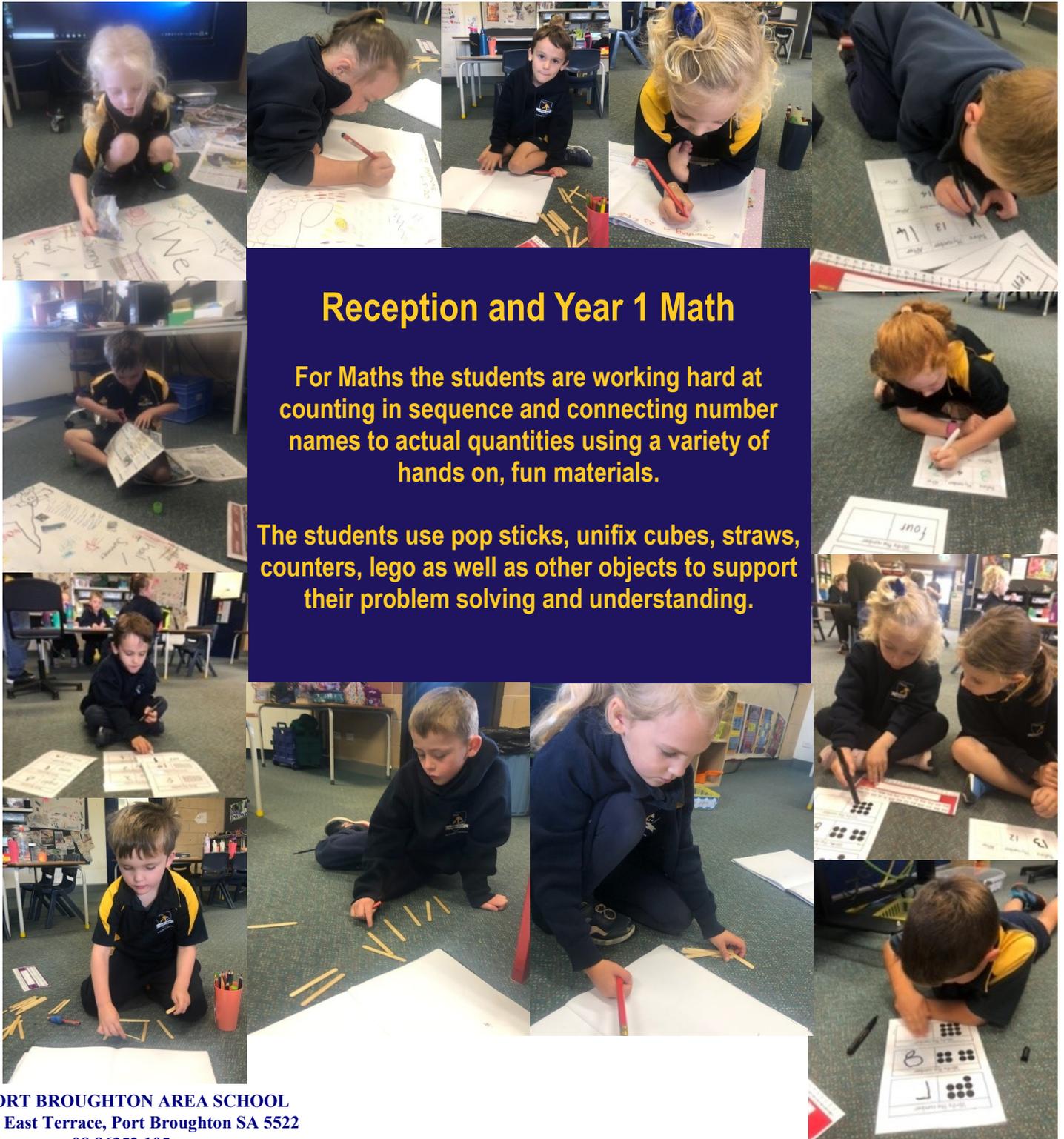


Port Broughton Area School

# Port Broughton Area School

Volume 2, Issue 2

14th May, 2020



## Reception and Year 1 Math

For Maths the students are working hard at counting in sequence and connecting number names to actual quantities using a variety of hands on, fun materials.

The students use pop sticks, unifix cubes, straws, counters, lego as well as other objects to support their problem solving and understanding.

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Government of South Australia  
Department for Education

# Principal's Comment

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## Dates to Remember

Monday 8 June  
Queens Birthday Holiday  
Tuesday 9 June  
Student Free Day  
Friday 3 July  
Last Day of Term 2  
Monday 20 July  
First day of Term 3



The Garden group are looking for plastic shopping bags, any donations appreciated

It may seem quiet at school without any school sports, visitors, guest speakers or excursions, but within the classrooms, there is an abundance of learning occurring.

As part of our site improvement work, we have been focussing on vocabulary development. Vocabulary is important across the curriculum and is intimately connected to both effective reading and writing skills. Research studies have shown that in most cases students have to see, read and interact with words 5-7 times before they are admitted to long-term memory. Talking to and reading with your child are two terrific ways to help them hear and read new words. Sharing a new word with your child doesn't have to take a long time: just a few minutes to talk about the word can help expand your child's vocabulary. The upgrade to the art room and science labs is almost complete. We are looking forward to working in these new, updated learning spaces.

Jess Bawden will be taking some leave for the remainder of the term. In her absence, Kelly Heading will fill the Deputy Principal position. Jenni Mulraney will increase her time in the R/1 class and Julie Norman will backfill teaching in the 5/6 and R/1 classes.

We are still looking for 2 parents to join Governing Council. There are only two meetings per term. The next meeting will be held via Zoom on Wednesday 20<sup>th</sup> April at 7:30pm. If you are interested in joining Governing Council, please don't hesitate to contact me.

Joelene Anderson  
Principal



## Year 3 / 4 Science – Earth, Sun and Moon!

For Science, the students built sundials and observed changes in shadows over the course of time. Students identified patterns in the shadows and discussed how shadows may be used to tell time.



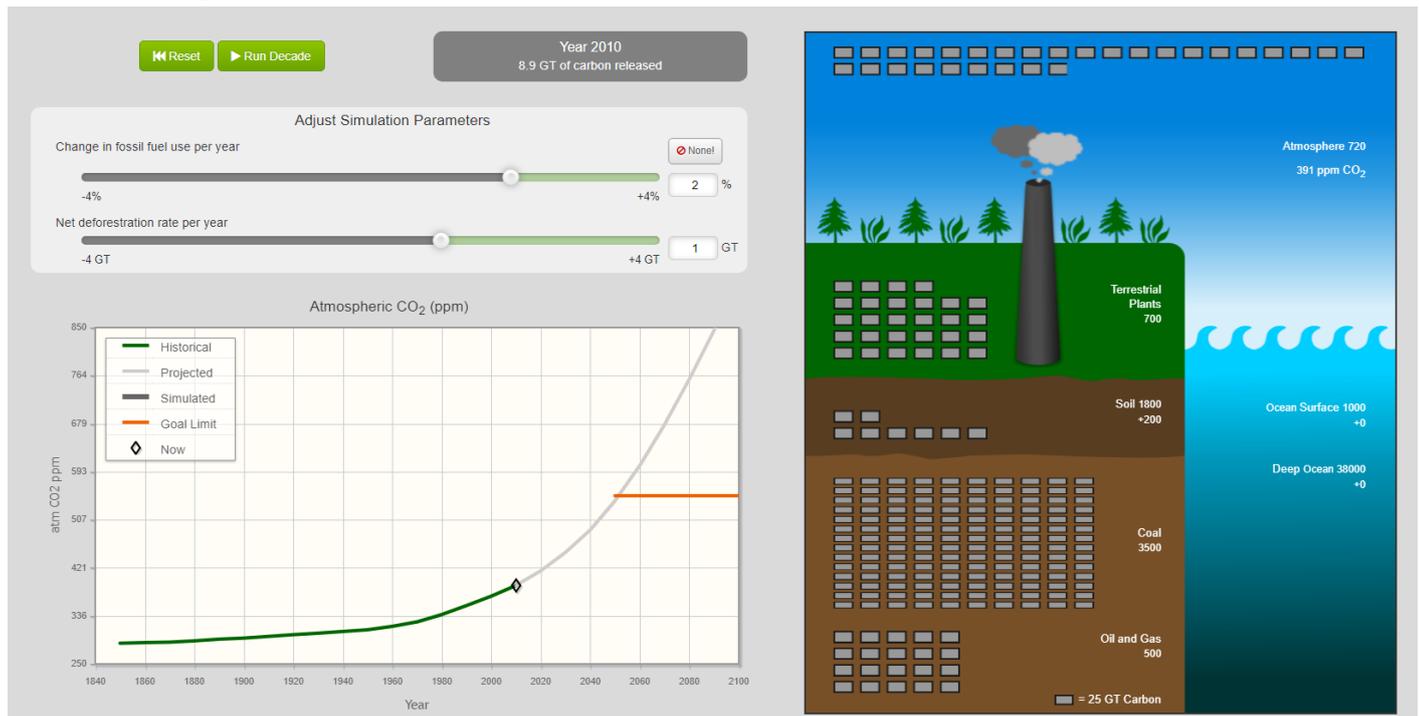
Port Broughton Area School

Resilience ~ Success ~ Respect

# Year 9 Science - Recycling Carbon

There are times in Science classes when interesting experiments cannot be performed due to a variety of reasons. Often the scale and complexity of an experiment is beyond the average school. Sometimes, the school will not have the necessary equipment or the experiment is too hard to perform accurately or quickly in a typical laboratory. In these cases, we are lucky to have a wide variety of on-line simulations that we can access.

Recently the year 9 students completed an investigation into the recycling of carbon on a global scale. This lab from Annenberg Learner uses a robust model of the carbon cycle to give an intuitive sense for how carbon circulates through the atmosphere, biosphere, oceans, and crust. This model is similar to ones presented by the Intergovernmental Panel on Climate Change.



The students were already aware of how carbon dioxide can enter the atmosphere and affect climate, but they were surprised to see how much carbon also entered the oceans, conceivably affecting the chemistry of the water and the habitat for a variety of marine organisms.

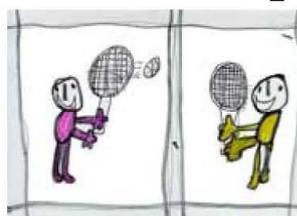
Simulations, like the one above, are easily found on line and make a great addition to a student's regular study. I would encourage all parents to sit down at a computer with their children and search for a simulation on the topic they are currently studying. I am sure you will find it interesting and informative.

Shane Ryan  
Science Teacher



The pluses add up

**There's still time to participate in the Challenge. If you need a new form please contact Tracy.**



If you feel tired  
If you feel blue  
If you don't know what's wrong with you.  
Get up and move  
Get in the groove  
Exercise and you'll improve.

Resilience ~ Success ~ Respect



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# Year 5/6 Science

This term in science we are focusing on biological science so for one of the experiments we are growing broad beans. We are using 2 variables to see what will grow better. Variable 1 is growing a broad bean in a plastic bag and putting wet cotton buds around it to act like soil. Variable 2 is growing a broad bean in a plastic container with holes in the top and surrounding it with wet cotton buds. We water the bean when the cotton buds are starting to go dry so we don't over water it. My group predicted that the plastic container will grow better because it might have more chance of getting air through the holes at the top.

Once we had started to grow the broad beans we left them for a couple days at a time and started drawing them every Tuesday and Friday. We measured how much they had grown each time. The first time we checked them we measured them with a ruler, ours were both 2 centimetres.

Variable 1 (plastic bag) had just sprouted and cracked down the side of the bean. The bag had dew all on it and a puddle of water down the bottom so it didn't need watering.

Variable 2 (plastic container) Had a crack down the side of the bean and had not sprouted yet. The cotton buds were still wet and there was dew on the container so we did not water that one either.

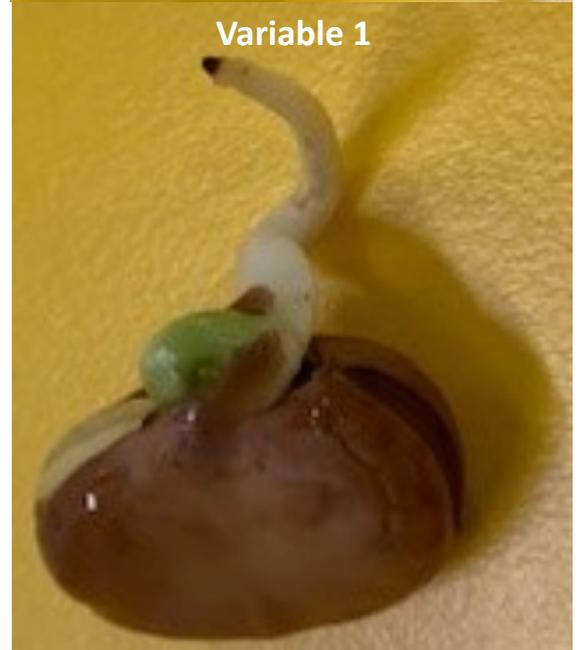
A couple days after that variable 2 started to sprout and they are about the same size. The cotton buds in them have gone a bit grey and maybe mouldy but are still acting like soil and helping the bean grow.

**Written on 7/05/20**

**By Karsha**



**Variable 1**



**Variable 2**

