

magazine

From Barb

We often share with families the Mem Fox quote "Reading should be like chocolate, not medicine."

Many families have busy, busy schedules and it's sometimes difficult to squeeze in a shared story at the end of the day. But it is such an important part of children's learning and wellbeing. A book in bed can help children become an apprentice to a master reader. They can learn about predicting and inference as you share your wondering about what might happen next, or thoughts about why a character says a certain thing. They can watch you re-read, or read ahead to check for meaning, or go back and correct a word if it doesn't make sense. They might see you try and guess a word if you aren't sure of the meaning. You can find more information about the setting, or the characters or by examining the pictures, and sometimes you will find something that isn't in the words. One of the most important parts of this ritual is how this makes your child feel, and how they come to view engaging with books as fun, even when it's challenging - it's not just a job to get done.



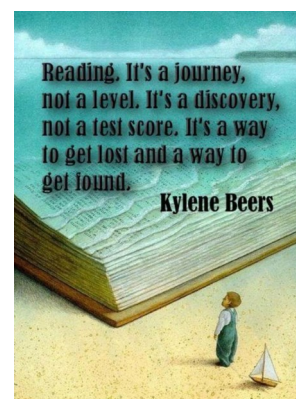
Some families may also have storytelling as part of their bedtime routine. This can be as simple as everyone sharing the best part about today, or the thing I did that made me feel proud, challenged, successful, exhausted, etc.

Parents can reinforce resilient behaviours by helping children choose positive feelings, gratitude and trust in their own capabilities.

This is particularly important if children are dwelling on problems and getting stuck in those feelings.

A routine of using stories to call up positive feelings is a great strategy for helping children build resilience and a positive outlook. This is especially powerful if the story is about overcoming an obstacle or negative feeling.

Continued on page 2



Continued from page 1...

You'll notice most stories for children include a hero, a problem, and a resolution. You or your child can be the hero, the problem can be based on something real and it can be hammed up and exaggerated to add to the fun. What's great about this is that, over time, children will begin to think about things that happen during their day that they can use in a story that night. It helps with their memory, their imagination, their resilience, their social skills, and their language and listening skills. It's like putting their brain growth into top gear!



Storytelling can be Aboriginal Dreaming stories, stories about your children when they were babies, stories from other cultures, stories about a family of monkeys who all happen to have the same names as your family, timeless tales or made up nonsense. Some stories can help children make sense of the Rules for Living, others are just to play with words. It's primal and timeless and adds so much to childhood. It's a good investment... even if they are in Year 7.

If you need some inspiration, Google storytelling and see what you find. Then, screens off!



If your family has a nice story about reading or storytelling together at your place, please share with us. We would love to share some photos, or 80 words or less stories, about reading at home in our next Magazine. Please email to dl.0636.info@schools.sa.edu.au with **Magazine** in the subject line.



STEM (Science, Technology, Engineering & Maths)

SENATOR THE HON SIMON BIRMINGHAM VISITS BPS

Minister Birmingham, the Federal Minister for Education and Training, visited BPS in August to see the work we are doing in **STEM** (Science, Technology, Engineering & Maths) and to announce the Government's continued funding of the **CSIRO Scientists in Schools** program.

Bridgeway kids in Junior Primary studios have worked with a CSIRO scientist over the last couple of years. Whilst here the Minister was also able to see the **STEM** work our studio did earlier in the year with our Go-Kart Maths and Cube Surface Area/Volume work.

Minister Birmingham was met and shown around by PM Kobi and Jessica.



They did a wonderful job of talking about the great learning experiences Bridgeway has to offer, including our Student Parliament. Well done & thank you.

The Minister also had an opportunity to see the Stardome we had in the gym for Science Week.

THE MINISTER'S FACE BOOK POST & TWEET

As part of National Science Week, today Greg Hunt MP and I announced the Turnbull Government will provide \$10 million for CSIRO to extend the Scientist and Mathematicians in Schools programme - It's a great programme that links practising scientists, mathematicians, engineers and IT professionals with teachers and their students. Here I am at Bridgewater Primary in SA to mark the announcement this morning, where the Grade 2s and 3s were showing off some of the science experiments they've been doing. Want to know more? Visit <http://bit.ly/2bgyZpT>



STEM @ BPS

(Science, Technology, Engineering & Maths)



Studio 21 were gifted with a visit from Graeme, a retired IT specialist and kite enthusiast.

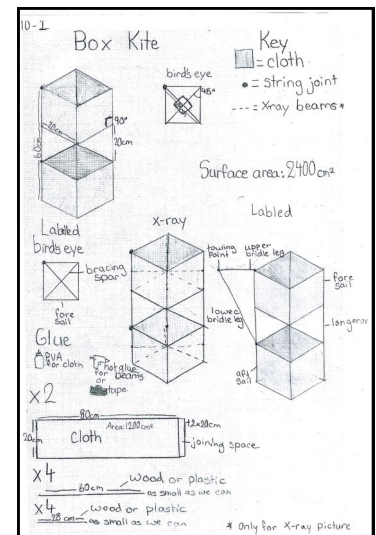
Their learning included:

- The principles of aerodynamics and the design elements that make a kite take off, stay up and easy to control
- How to represent their designs as mathematical drawings that are scaled and detailed that can be used to accurately construct the design
- How to analyse the design elements and make modifications to improve their kite construction and joining techniques
- Productive failure and growth mindset – what to do when you don't know what to do, and how to persist when things go wrong!

Earlier this year these students investigated cubes in maths. They figured out together that there was a relationship between surface area and the volume of a cube.

Teachers noticed children transferring the learning that happening during the cubes investigation into the building of kites. There was also practical revision of calculating the area of triangles and rectangles.

S21 Challenge: Will you remember this work when you encounter surface **area:volume** ratios in later studies as you learn about biology, fire spread or physical chemistry?



Emma decided to double the size of her kite because she thought a larger surface area would give her better lift and control.

She overcame construction complications (keeping angles and uprights in place so they could be joined) and built an impressive box kite.



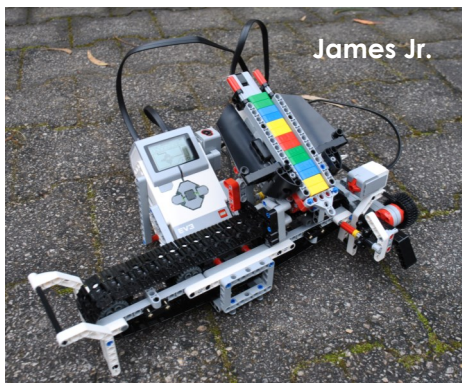


STEM @ BPS ROBOTICS

Our robotics students have been working independently to build and programme their robots.

They can operate their robots remotely through laptops and iPads to perform tasks like crunching cookies, grabbing and lifting objects.

Mitchell programmed his robot (James Jr.) to scan the coloured bricks with a colour sensor, he then inserted the bricks into the tray. On Mitchell's command, James Jr. will project each brick into it's correct colour pile!



Next term these robot programmers hope to share their learning with other students across the school.



Studio 2's amazing artwork for Book Week - based on the book 'Eye to Eye'





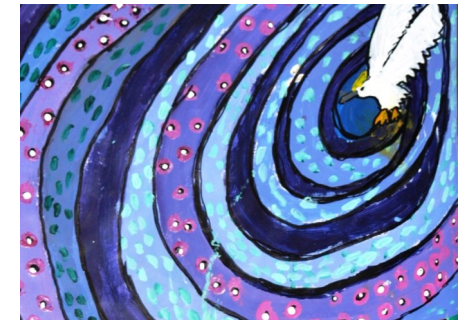
Studio 7 Visits Paris Ooh la la!

Bonjour mes amis! On our round the world trip, we landed in France this term and what better way to celebrate than to create the latest French fashion line a la Bridgewater PS!

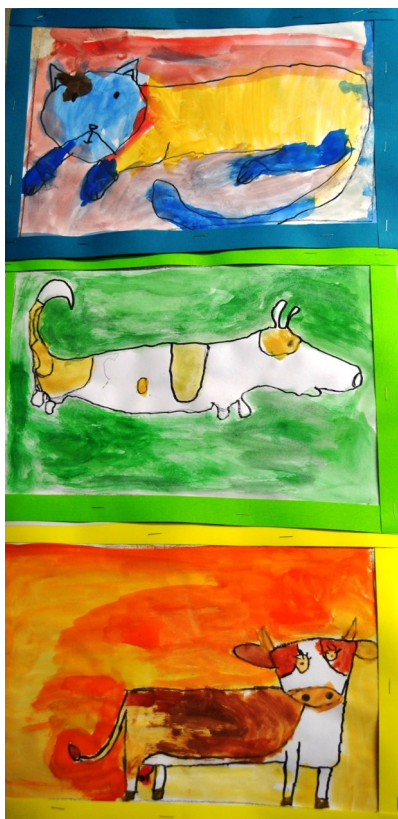


Check out the Receptions' creations!
Thanks so much to the helpers from Studio 1 for coming to create with us!





BOOK WEEK ARTWORK



From Jonah and Studio 2



Wow, what a day!! The generosity of our school community always amazes and impresses me. This is the third year we have taken part in this event in support of the Hutt St Centre and their work helping the homeless in our community.

We raised a huge \$545 for the Hutt St. Centre

We were lucky with the weather and the walk was an enjoyable one. Even so, there was a chill in the air as we set off at 9:15 am. Imagine if the freezing cold and wet of winter was a daily ordeal as it is for those whose lives have taken a turn for the worse and they've found themselves homeless. That is the reality this event tries to change.



We were joined by our State Parliament Representative Isobel Redmond, who you can see here returning from the walk with Prime Minister Kobi.

The whole school took off and were soon spread far and wide over the bush track. There were some huge

puddles and we marvelled at the force of the water which had flowed down the creek in recent weeks. It was wonderful to see the Studios mix and walk together!



After the walk there were some tired legs, especially amongst the younger students.



We hadn't stopped there as there was a Scrummy Lunch to prepare and a lot of our Studio pitched in to help. That raised further money towards our total. We were joined by new Federal Member of Parliament for Mayo Rebekha Sharkie, who donated and offered her support to what we were doing.

Thanks for all your efforts Studio 2. Together we have made a real difference to people's lives and I'm incredibly proud of you all.

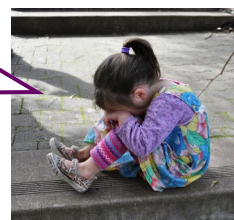


We were also congratulated by Isobel Redmond (Liberal State MP), Mark Parnell MLC (Leader of SA Greens) and Rebekha Sharkie MP (Federal member for Mayo from NXT Party).

Not often do you get support like that from the Right, Centre and Left of politics, its a sign of a worthy cause if ever there was one.



I can't do any more steps!



This young sibling was exhausted!

Not only did we raise over \$500 but many goods donated were passed onto the Hutt St. Centre also. Thank you for your generosity!

A special extra super huge thank you to the amazing Wilan for all his efforts with Walk A Mile in My Boots at Bridgegy.



On the Wednesday prior to our walk, he and a small group of us checked the course for muddiness and hazards.

Wilan took it upon himself to go out on Thursday night with a saw to trim back branches which would be in the way and to lay down

sticks, logs and bark on the boggiest sections, so we could all easily make it around safely and cleanly today. **What a legend!**

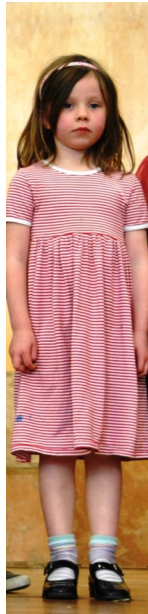
Wilan also took the leader's role today and led the entire school around the circuit.

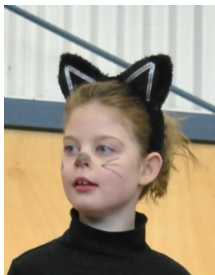
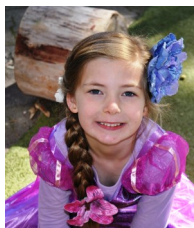


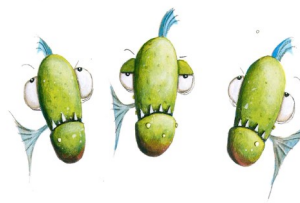
Wilan always steps up when needed and showed yet again how reliable and dedicated he is to making the school and the world around him a better place. Bravo!



BOOK WEEK 2016







**If Piranha's DON'T eat banana's...
What DO they eat???**

This year's Book Week Staff Play was another huge success!

We learnt what piranhas like to eat, and what they don't like to eat!



This little possum needed a nap, snuggling into the jumpers, after eating Callum's recess!



This is what NAPLAN Online looks like in Book Week.



The White Queen and the Queen of Hearts are not amused. On we press...



At the front desk, Tina, Janice and Tanja enjoyed an impromptu recorder rendition of 'The EBGB's' by Studio 9. It was so cool. Thanks guys!!

*Congratulations
Penny and Shaun!*



On Saturday 13th August, many of the Studio 7 children, their parents and BPS staff, attended Penny and Shaun's wedding ceremony at Waterfall Gully.

The children created a guard of honour on the red carpet, as they watched the Bride, with her Mum, make their way to the flower lined archway, where Shaun was waiting... very nervously!

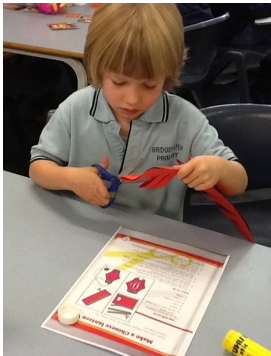




Studio 6

Stephen's family spent time in China which initiated interest in Studio 6.

Chinese lanterns were made for decoration.



This is our Chinese Restaurant.



Our kitchen was so busy making enough noodles and dumplings for the diners!



Stephen's family typed a menu for us with English words and Chinese characters.



Choosing from the menu, ordering, paying for the food and trying to use chopsticks, kept us busy and happy at play.

The Sandpit/s - Studio 9

This term, Studio 9 put on their green thinking hat (for creative thinking and generating new ideas) to develop ideas and thinking around sandpit design.

The Sustainable Natural Environment (SNE) Committee has asked staff and students to contribute their thinking to sandpit/s design at BPS. We looked at a range of sandpits at different kindys and schools (via the internet) and critically looked at our existing sandpit.

We then used 'Thinkers' Keys', specifically the BAR Key (Bigger, Add, Replace) to generate new ideas and thinking for our sandpit design.

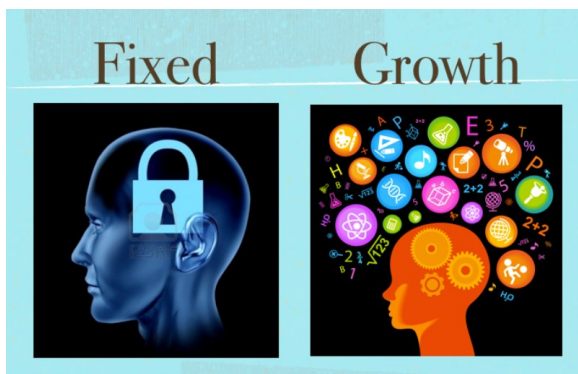


After the initial design and ideas phase, students shared their thinking with each, and were encouraged to build on their initial ideas.

Some (but not all) thinking included . . .

- Lids over the sandpit to keep it clean and contained
- Logs, moss rocks and tree stumps for a sandpit boundary - to contain sand but also to play on and balance on.
- Sun shade / sails / trees over the sandpit for weather protection
- Speakers under the canopy to listen to music, relax, dance and inspire creativity
- Soaker hoses, sprinklers, fans, heating for hot and cold weather
- Bridges and a water area incorporated into the sandpit area
- Mud zones incorporated into the sandpit area
- Storage facilities for toys and equipment
- Another sandpit in the monkey bar area for older kids
- Natural grasses to make it look nice and for creatures to live in
- Pull down televisions to watch movies . . .

Studio 34 believe having a Growth Mindset really works!!



Over the last term the students of Studio 34 have had to try to prove that a growth mindset really works. They picked a skill, set a plan for practising and tracking progress and then presented the results. Some did this in Week 4 at the Growth Mindset Showcase evening. The students were able to reflect on their learning to decide whether having a Growth Mindset is important in learning and life.

Maddy

If you get it right every time you try something, it's boring. But if you fail and fail and then get it right, then it's exciting.

Alec

I improved touch typing heaps. I started at 7 WPM and now I can do 20-25 WPM! When I make a mistake I say to myself "I will backspace and try again".

Zoe

I feel disappointed when I make a mistake but not as bad as I used to feel. I have learnt that a mistake will help me learn.

Michaela

When I first started my handstands I was really bad. I could not keep my legs up straight. I could not hold a handstand for very long ever. Now I can do a pretty good handstand. It is pretty much perfect. I practiced 4 days a week.

Isabelle O

If you have a growth mindset then you are persistent and don't give up. But if you don't have a growth mindset you really can't do much.

Edie

I think that it is important to struggle and 'stretch' in order to learn new things. If you don't you won't learn hard things. Example: I am not that good at Maths... yet! I can still improve. If you never struggle and push yourself you will never learn.

Nik

My brain pumps and gets excited about what I have accomplished and then my neurons connect and make me better at what I am doing.

Jolie

When you learn something new your brain sends electric signals to communicate to each other.

Nigella

If you practice a skill a lot the neurons build a bridge and it gets easier to go over. It may take a while but keep on practicing. I practiced calligraphy at least once a fortnight and, hey presto, I have improved quite a bit!

Andrew

When I make a mistake I don't feel so bothered as I used to. I now feel like I can eventually work it out.

Kaea

I feel good if I make a mistake because I know I am learning and I will improve.



STEM @ BPS

Search for the Next Tech Girls

From Studio 2's Blog by Jonah

July 20, 2016

The deadline for entries to **The Search For The Next Tech Girl** competition is TODAY!

Our team of awesome app makers are, as I type, frantically putting the finishing touches to their app and accompanying promotional film. The pressure is on!!

Technical problems have plagued them today as they try to find an Android device which would let their emulator connect to their App builder so they can test the app...phew! I'm glad it's them and not me! I've been super impressed by their cool under pressure and the way they've delegated tasks to get maximum use of the time today.

This has been a huge two term project with so many new skills and challenges. It is exciting to watch them take it on and be so successful.

Congratulations on all your work girls! You've opened up a new door of possibilities and whatever happens in the competition you're winners and Bridgeway are proud of you!

And then...

Posted on September 23



Team SuperStar live up to their name!

Our app designing Tech Girls, Team SuperStar, have had an amazing result in the **national** competition. 150 teams took part and our girls came...

Drum roll please...

FORTH!!! YEP, 4TH! And were also awarded **'Highly Commended'**. What a result!!

The girls had been working with a mentor, based in Brisbane, to design this app, which helped school communities. It encouraged Nude Food and supported volunteers to get involved with the Kitchen Garden program.

Congratulations girls! I was privileged to see you organise yourselves, relentlessly tackle and overcome challenges and push yourselves way into unknown territory.



MONEY TO PLAY SPORT? IT'S NOT JUST SPORT...

A friend asked "Why do you pay so much money for your kids to do all their sports?"

Well I have a confession to make; I don't pay for my kids to do sports. Personally, I couldn't care less about what sport they do.

So, if I am not paying for sports what am I paying for?

- I pay for those moments when my kids become so tired they want to quit - but don't.
- I pay for those days when my kids come home from school and are 'too tired' to go to their training - but they go anyway.
- I pay for my kids to learn to be disciplined, focused and dedicated.
- I pay for my kids to learn to take care of their body and equipment.
- I pay for my kids to learn to work with others and to be good team mates, gracious in defeat and humble in success.
- I pay for my kids to learn to deal with disappointment, when they don't get that placing or title they'd hoped for, but still they go back week after week giving it their best shot.
- I pay for my kids to learn to make and accomplish goals.
- I pay for my kids to respect, not only themselves, but other athletes, officials and coaches.
- I pay for my kids to learn that it takes hours and hours, years and years of hard work and practice to create a champion and that success does not happen overnight.
- I pay for my kids to be proud of small achievements, and to work towards long term goals.
- I pay for the opportunity my kids have and will have to make life-long friendships, create lifelong memories, to be as proud of their achievements as I am.
- I pay so that my kids can be out on the field or in the gym instead of in front of a screen...

...I could go on but, to be short, I don't pay for sports; I pay for the opportunities that sports provides my kids with to develop attributes that will serve them well throughout their lives and give them the opportunity to bless the lives of others. From what I have seen so far I think it is a great investment!

~Unknown



A huge thank you to the parents who attended our last working bee. Much was done... but still so much to do! However, due to undelivered goods, the working bee arranged for 16th October has been postponed until next term. We will keep in touch.

Thanks, Miriam Clarkson (SNE)

SAPSASA Volleyball

Friday 26th August - Heathfield High School

BPS entered two teams in this years SAPSASA Volleyball tournament - Year 6/7 Girls (Div. 2) and Year 6/7 Boys (Div. 1).

The girls played 4 matches, winning 1. What impressed me was that this was their first time as a team playing matches. Their on-court support of each other, their positive attitude, even when the score was against them, was superb. They showed great determination, listening to advice on game play and technical skill, resulting in them significantly improving with each match played. Their best game was their third. The girls consolidated their skills to perform to their best ability and showed poise and calmness in a tight scoring match. I felt very proud of them and how they represented Bridgewater Primary School.

The boys played 5 matches (though the fifth match didn't count towards final results). They won the four matches that counted convincingly and confidently. As each game progressed, the boys showed excellent consistency in their service and were particularly strong at the net.



Their comradery on court was excellent and meant that when the scores started to work against them, they were able to rise above the pressure and come back. Again, I felt very proud to be taking a team that showed good sportspersonship and determination.

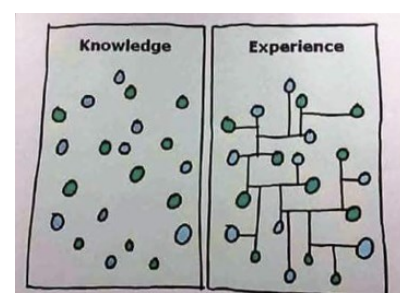
Congratulations goes to Lily, Ella, Bella and Rochelle. For the boys, Ollie, Kobi, Scotty and Tyson.

A final note, what has impressed me most about these students has been

their commitment to training. They are consistently present at trainings and determined to improve on their skills. They are all showing focus on improving themselves as individuals but also as a team.

What great growth mindset!!!

Yve,
Coach





'Save the Frogs' Bake Sale

Savanna, Sass, Nigella, Nina, Beth and Lotte (Studio 34).

Why frogs?

"Beth is crazy about amphibians! A group of us baked different things to sell. We raised over **\$150.**"

All fundraising proceeds went to **Savethefrogs.com**

"Frogs are like the natural immune system." says Lotte.

It is hard to bake things for lots of people. Fundraisers are never small at school! It was huge.



Bridgewater Kindergarten is a leader in
STEM (Science, Technology, Engineering & Maths).

They have won awards for their progressive learning programs and there is now a rare opportunity to enrol children in this program.

Be quick!

Bridgewater Kindergarten



VACANCIES for 2017

Session times

Tuesday 9am to 3pm

Wednesday 9am to 3pm

Thursday 9am-12Noon

Drop in and see our exciting learning and unique kindergarten environment.

Preschool and Playgroup

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Teachers make more
minute by minute
decisions than
brain surgeons...

And that is why
they go home
so exhausted
each day.

~Dr. Tina Boogren

