**SCIENCE TECHNOLOGY ENGINEERING AND MATHEMATICS**

You will no doubt have heard about the announcement of significant funding in the state budget to provide upgraded STEM learning facilities in many schools across the state. West Lakes Shore School is fortunate to be one of these schools.

What is STEM? Stem learning design refers collectively to the science, technology and mathematical learning areas, engineering as a process to design, construct and maintain systems, and a cross disciplinary approach to learning that increases student disposition in STEM related fields and their development of skills in collaborative problem solving, creative thinking and critical analysis.

The essence of the STEM strategy is to inspire students to inquire, think, investigate, make and innovate in teams. STEM classrooms are adaptable, flexible, mobile and ergonomic so that students can prototype and tinker and have enough room to become creative, innovative, critical thinkers.

There are four key levers to improve engagement, participation and achievement in STEM.

1. Strengthened STEM teaching and learning from pre-school to Year 12 ensuring that every learner develops strong disciplinary knowledge of STEM and the underlying skills of critical and creative thinking, problem solving and entrepreneurial thinking.
2. The establishment of effective partnerships for STEM related teaching and learning, within and between schools and with business, industry and the community.
3. Build positive dispositions for STEM learning so that learners are inspired to take on more challenging STEM learning experiences and subjects.
4. Renewed preschool and school structures that build engagement, challenge and achievement in STEM education.

What does this mean for WLSS? It means we will continue to build our string foci on mathematics, science and technology and in particular in our aims to develop our students to be critical and creative thinkers.

We will have a $1,000,000 budget to create better learning spaces to support the learning for all students across the school. We will design the physical facilities with an architect with the aim of refurbishing spaces within the school to give all students access to more flexible learning spaces. While we could build an extra building, this is not necessarily the best option as it could mean that each class only has access for 1 hour per week – not the way the STEM learning should be embedded across the learning day. We are investigating ideas for refurbishing spaces like the wet areas in the older buildings and possibly one extended space in the Sea Dragon building to give us the best possible outcomes for all students.

Any ideas from members of the community would be gratefully received. We expect the plans to be complete before the end of the year and the work to take place and be completed in 2017. The architect has commenced work this week.
LIVING IN OUR GLOBAL ONLINE VILLAGE

Many of our children and young people are part of a new type of community created by their presence on social media platforms such as Facebook, Instagram, Snapchat etc. While most of these services have an age restriction of around 13, we know that significant numbers of our students have an online presence through these platforms. There is an old African proverb that says "it takes a village to raise a child". This proverb definitely holds true in this online village. We have been made aware of several instances when young people attending this school have put themselves or their friends at considerable risk through posts on social media. We need parents and young people to take the village neighbourhood approach and to act together to protect those young people who may get caught up in online activities that are at best highly undesirable and at worst, illegal. Young people tend to believe they are invincible and that terrible things such as those they all heard about from Sonia Ryan last year, couldn't possibly happen to them.

We cannot encourage parents strongly enough to monitor your child's social media presence. You should assume that nothing put on any social media platform is really private and that once something is posted it can be passed on so quickly that it can never be completely removed.

As adults we have a responsibility to care for all young people in our community. If you become aware of any young person, especially a student from this school or a friend of your child's, becoming involved in highly risky online activity report this to the Child Abuse report line or the police. Examples include but are not limited to posting inappropriate photographs, making serious threats or being threatened. Please make the school aware of your concerns if it involves one of our students.

There will be another parent workshop on Cyber Safety in Term 4 and we strongly encourage parents to register for this when you see it advertised in the newsletter. We also suggest you might like to visit the following websites for helpful information.


GRANDPARENTS AND SPECIAL PEOPLE DAY

On the afternoon of September 1st from 1:40pm to 3pm we will be having an open afternoon for grandparents and significant older people who fill a similar role for our students. This is a week before our Open Night and may be an opportunity for grandparents who would like to visit their grandchildren at school to drop in. Due to the potential crowds we may have in some units, particularly the Junior Primary classes, we will ask grandparents and special people to come between particular times so everyone gets the chance to visit their grandchildren should they wish. More information in the form of some personalised invitations will come home from students for families to distribute as they wish. We look forward to meeting lots of grandparents who we are sure will all have stories of their school days to share with their grandchildren.

PREMIER’S READING CHALLENGE ALERT

There are less than 4 weeks left for students to finish the Premier’s Reading Challenge. Reading records must be completed and handed in to the Resource Centre staff by Wed 7th September to be eligible for an award for 2016. If you have misplaced your child's Reading Record, please call in to the Resource Centre for a replacement form. We are also able to print out a history of the books borrowed this year.

VIRTUAL REALITY COMES TO WEST LAKES

Last weekend I made a VR (virtual reality) headset out of Lego, two lenses, and an iPod. This all started because I am very interested in technology and really wanted an Oculus Rift VR headset. However, they come at a high price of $500, so I decided to make one myself. I used my old iPod as the screen and downloaded some apps called Frogger 3d and Journey 3d which have two screens with the same picture. Then I bought some binoculars for only $10 and took out the lenses. After that I made a frame for my iPod and lenses put them together in a box made of Lego. Lastly I made some grooves for my nose and head so that it was comfortable to use.

I showed it to lots of other children and some of the teachers – they thought it was very clever even though it made them feel a little dizzy!

By Frank in class SD1

PLACEMENT AT OUR SCHOOL

Hi my name is Jarrad Edwards.

I am currently studying a Bachelor of Social Work at Flinders University and will be undertaking my placement at West Lakes Shore Primary School until the end of the year. During this time I'll be working with the students at the school and assisting teachers in class. My interests include all sports especially surfing, music and playing guitar, travelling and spending time with family and friends.
**NAPLAN RESULTS**

Naplan results will be sent home via classroom teacher on Friday 19th or Monday 22nd August.

**BOOK WEEK CELEBRATIONS**

*Australia: Story Country*

This year, weather permitting, the Book Week dress up parade will be held outside on the asphalt on **Wednesday, 24th August at 9:30am**. We are encouraging students to dress up in keeping with the theme, *Australia: Story Country*. They could dress up as a character from an Australian book, an Australian hero, icon or legend or as a character from a book written by an Australian author. Some examples are: the Rainbow Serpent, Tiddalick the Frog, Ned Kelly, Blinky Bill, Snugglepot and Cuddlepie, an early settler, an Australian explorer, an Australian animal etc. Simple costumes that students design and make at home are encouraged. We look forward to seeing how thoughtful and creative our school community can be.

**WESTERN ADELAIDE SHORES WORKSHOPS**

**SUPPORTING CHILDREN TO BE POWERFUL LEARNERS OF NUMERACY YEARS 6-9**

Just what is happening in Mathematics and Numeracy for my child in Years 6-9? What are they learning and how can I support them to have a positive disposition to learning and valuing the mathematics and numeracy they are exploring at school and in their life?


Venue: Henley Beach Primary School, 38 Hazel Tce, Henley Beach on Monday 22nd August from 9:15 – 11:00am or 7:00 - 9:00pm.

**UNDERSTANDING YOUR CHILD’S TEMPERAMENT**

In this workshop we will look at two temperament types – highly sensitive and spirited. Each requires different approaches to managing feelings, energy levels, stimulation levels, and getting tasks done.


Venue: West Beach Kindergarten, 13 Winston Cres, West Beach on Monday 29th August from 7:00 – 9:00pm.

*Don’t miss out register now: http://shorestart-communitylearning.eventbrite.com.au*

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**BE A SUPERHERO - SUPPORT YOUR SCHOOL PROMOTION**

**MON 1st AUGUST – FRI 9th SEPTEMBER**

*Congratulations to our families! Our school has won the most points for Week 1 of the promotion.*

**WE NEED YOUR HELP NOW!**

Parents, grandparents, friends and neighbours are all invited to participate.

Every dollar spent at Westfield West Lakes goes towards helping our school win a share in $10,000 worth of educational prizes.

Please lodge your shopping receipts weekly for purchases from Westfield West Lakes in our collection box situated in the front office or via the West Lakes Shore School box at the concierge desk at Westfield, to help us win great prizes. Receipts must be lodged by the Monday for the week prior shopping.

*For a chance to win $50 for your family, please place your name and phone contact on your receipts.*

The following receipts will not be valid: car park payments, tobacco products, receipts using gift cards (original gift card purchases are acceptable).

**WEAKLY PRIZE DRAWS FOR FAMILIES OF THE SCHOOL EARNING THE MOST POINTS!**

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**SCHOOL FOOTBALL RESULTS**

**SATURDAY 30TH JULY**

2/3 WLSS 1-2 (8) vs Star Of Sea 11-7 (73)  
Goals: Lucas Hicks (1)  
Best: Dylan J, Hamish R, Edwin B

4/5 WLSS 8-5 (53) vs Grange 3-6 (24)  
Goals: Michael O, Cy H (2), Jamie R, Owen H, Callum F, Finn C (1)  
Best: Chaise B, Charlie S, Cy H

6/7 WLSS 9-14 (68) vs Grange 5-5 (35)  
Best: Shay F, Madison S, Jack M

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**SCHOOL FOOTBALL RESULTS**

**SATURDAY 6TH AUGUST**

2/3 WLSS 10-6 (66) vs Hendon 2-5 (17)  
Best: Thomas A, Tom H, Mitchell J

4/5 WLSS 6-11(47) vs Hendon 2-4 (16)  
Goals: Darcy C, Nathan G, Mitchell R, Cy H, Jack O, Austin F (1)  
Best: Nathan G, Tyson G, Austin F

6/7 WLSS 13-7 (91) vs Hendon 8-13 (61)  
Goals: Jack M (4), Jay W (3), Ethan M, Noah H (2), Deacon D, Zach M (1)  
Best: Jack M, Noah H, Jay W
**ENTERTAINMENT BOOKS**

Purchase your Entertainment Membership online by 31st August 2016 and go into the draw to win a $50 Sportspower Gift Voucher. Start saving $$$ with your Entertainment Book this year. To order your book or digital membership visit: [www.entbook.com.au/161g338](http://www.entbook.com.au/161g338)

You can collect your Book from the front office or FREE DELIVERY to your home. $13 from every membership sold goes towards our school fundraising. Family, friends and supporters of West Lakes Shore School are welcome to enter this draw.


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**STRETCH CORNER ANSWERS T3WK2**

**Question 1:** Using only addition, how do you add eight 8’s and get the number 1000?

**Question 2:** What belongs to you but other people use it more than you?

**Question 3:** I’m at the beginning of eternity and the end of time and space. I’m at the beginning of every end and the end of every place. What am I?

**Problem 4:** Use the numbers from 1 to 16 in such a way that the sum of the numbers in each of the 7 rows is 29.

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**Question 5:** What kind of room has no doors or windows?

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**Answer 1:** As shown below, we can make equation as $6 = 6 = 6$.

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**Answer 2:**

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**Answer 3:** The letter W.

**Answer 4:** Footprints.

**Answer 5:** A drop of water.

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**COMMUNITY NEWS**

We are happy to support local organisations and groups however, please understand that we take no responsibility for the quality of any of the programs and products included in our Community News.

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**WEST LAKES TENNIS CLUB**

**FAMILY OPEN DAY**

Courts available to everyone so bring your racket. Sausage sizzle, raffles, bar facilities plus much more. Buy members T-shirts. Sunday 28th August from 10am – 2pm at 21 Edwin St, West Lakes Shore. For further information ring 0434 541 326.

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**NATIONAL KARATE ACADEMIES**

**FREE COME AND TRY KARATE LESSON**

Established July 1993. Founded in South Australia. The ultimate family martial art. Phone to book 0437 523 913 or just show up to the Alberton Primary School Gym, Spring Street Queenstown, Thursday 6:00pm Juniors, 7:00pm Seniors. For more information visit [www.nationalkarate.com.au](http://www.nationalkarate.com.au)

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**WESTERN STRIKERS SOCCER CLUB**

**2017 Season Trials** - **U12-U16 Junior**

Players trials will be held Mon 26th, Tues 27th and Wed 28th Sept. 5:30-6:30pm (U12, U13 & U14) and 6:30-7:45pm (U15, U16 & U17).

**U6 - U11 Miniroos**

Players trial will be held Tues 27th Sept at 5:15pm - 6:00pm.

**Junior Coaches Positions** - We are currently looking for coaches for 2017 Season. Training twice a week with matches played Sunday mornings. To express interest or for more information please contact Pat Crisci technical.director@westernstrikers.com or phone 0413 592 701. For more information on any of the above refer to www.westernstrikers.com situated at Carnegie Reserve, Kingston Avenue, Royal Park SA 5014.

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**FLINDERS UNIVERSITY**

Learn more about your child’s sleep! Participants wanted for Flinders University Child Sleep Study. Sleep researchers are investigating how boy’s body clocks change as they enter their teen years, starting at age 10. We are looking for healthy, good sleepers who are aged 10 or turning 10 soon. For more information please email sleepcamp@flinders.edu.au

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**RAISING FUNDS FOR RESCUES**

Wallis Cinemas exclusive screening the Secret Life of Pets on Sunday 28th August at 10am at Noarlunga, Piccadilly, Mt Barker, Mitcham theatres. $18 each or 4 for $65. To raise money for Guardian Angel Animal Rescue, Lost Pets of SA, Animal Shelter Inc, Lucky Little Paws Rescue.