

Is Invisibility Possible?

Will there be the capacity to make people invisible in the lifetime of our current Preps? Surprisingly the answer is most likely yes. Not by the magic of making them disappear but through the clever use of technology. Scientists are experimenting with technology that will produce camouflage that will enable the clothing and features of a person to blend in perfectly with their background, making them seemingly invisible. From where have these improbable ideas originated? By studying nature.

By studying the behaviour of a species of squid which changes its patterns to match the underlying terrain, scientists have been able to progress this technology of making objects and people seemingly invisible. Over time, including developing the capacity for humans to fly, people have been studying nature for clues of how to advance our thinking. The program, *The Miracles of Nature* shown on SBS, relates how many equally unlikely advances have been made through the investigation of the behaviour of insects, birds and animals. The achievement of what some might consider impossible, highlights the importance of never limiting people's imaginations and the importance of inspiring awe, creativity and wonder in young people. Most importantly it highlights the amazing nature of God's creation. What a great playground He has given us to play in!

Principal's Log

It was a delight to farewell our Year 12s last week in a warm and dignified manner. The graduation and chapel services were the formal celebrations of 13 years of schooling and it was a special time to join them as they finished their official time together as Pacific students at their formal on Friday night. Thank you to all staff who have supported these young people through their journey. Thank you too, to the parents of the Year 12 cohort of 2013 for their support and faith in this community. Thank you to Miss Stone and Pastor Smith for their leadership of these final celebrations. Congratulations to our cohort of 2013. We are proud of the young men and women you have become.

The Year 4 and 5 market day on Tuesday was an outstanding success. The Prep to Year 2 playground was transformed into a buzzing market place where there were many foods and activities on offer. The creativity and generosity of young

people was clearly on display as they raised over \$1,500 for ALWS to buy a well. At 50c a sale that is an amazing amount.



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At the Friends of Pacific Annual General Meeting on Tuesday night we celebrated the great enthusiasm and sense of community this year's Friends of Pacific group had fostered. We appreciate the very significant contribution of outgoing member Mrs Fiona Turner who has previously served as President for a number of years and also a committee member. We also appreciate the role that Mrs Megan Pyke has played in developing links across the college in her time on the executive. We are pleased to announce the ongoing appointment of Mrs Tracey Hindmarsh as President, Mrs Allyson Sarvari as Vice President, Mrs Michelle Timperley as Treasurer, Mrs Kathy Barry as Secretary, and committee members Mrs Joyce Smith, Mrs Di Gretton, Mrs Melissa Pollack, Mrs Jenny Lee, Mrs Nikki Stacey, Mrs Sophie McKenzie and Mrs Leah Croke.

At years end, there is both the celebration of what has been achieved and the planning for what lays ahead. It is important that we are also fully in the present and see the awesomeness in God's creation that surrounds us so beautifully on the Sunshine Coast each day. We hold in our prayers the Year 12s as they finish their celebrations this week and all members of our community.

Dr Bronwyn Dolling, Principal

Daily Bread

From Little Things Big Things Grow

For the last chapel message for our Year 12 students, I had Mr Simpfordorfer join with me to sing an adaption of the song *From Little Things Big Things Grow*. In rewriting the words of the original, my focus was on the history behind our Year 12s. They were the first Prep class of Pacific and over the years we have seen God bless them and provide for them. At the heart of this good news is the promise that God also goes ahead of us, wherever that might be.

Some folk have asked if I could share the words of my "rewritten" version, so with apologies to the original song writers, Kev Carmody and Paul Kelly, here are the words of my closing message to our wonderful graduates of 2013.

Gather round people we'll tell you a story
Of 13 years schooling spent at PLC
Imagine these big folk as cute little preppies
Grown into women and men here you see.

CHORUS From little things big things grow
 From little things big things grow

From little things big things grow
From little things big things grow

Imagine them camping - brave scary moments.
Imagine them sitting - in peace with a friend.
Imagine them learning - to grow into leaders.
Imagine them dancing - with school at an end.

CHORUS: From little things big things grow ...

Oh how they have grown - these years all behind them.
Oh how they have grown - the best still ahead.
Now celebrate with them - they boldly go on.
Some hopeful some anxious, some daring, some dread.

CHORUS: From little things big things grow ...

We thank God for you guys of 20-thirteen.
We know God is guiding - tomorrow, today.
Step faithfully forward - courageous and strong.
Believe that our God will be with you each day.

CHORUS: From little things big things grow ...
 (two times)

Pastor Paul Smith

From the Head of Senior School Students

Congratulations to the Graduating Class of 2013!

The Year 12 students were involved in a range of activities and events in their final week at Pacific Lutheran College.

Last Wednesday and Thursday, students took part in alternative days. A number of guest presenters spoke with students about various life topics including:

- RACQ - Free2go Presentation
Preparing students for their provisional licence.
- Senior Constable Darryl Campbell and Sergeant Dave Nelson / Sunshine Coast District Traffic Branch
Life Awareness Workshop: LAW
- Ainslie Reid
OP's, Careers post-schooling.
- Red Frogs Chaplaincy Network
Education regarding safety at post-school events and connections to Beyond Blue.
Red Frogs schoolies seminar

- Graduating Art Tile
Designing, painting and creating a graduating tile.
- Dance Practice for Formal
Mr Jeff Goodwin
- House Farewells
Heads of House: Dr Peter McMahon, Michelle McMillan and Melissa Evans.
- Pastoral Care Farewells
All Pastoral Care Teachers and students.

Thank you to all staff, parents and students for their assistance with the smooth running of events for the Year 12 student's final week.

In particular, there are many staff to thank and in individually naming people, I do not want to leave anyone out. I really appreciated the contributions leading up to, and during, the various events from colleagues.

A warm and heart felt thank you. It was very pleasing working with the students and I thank parents and families for their support.

The following awards were also announced on Thursday evening at the graduation:

1. Citizenship Certificate (the student must be nominated in four or more categories of service throughout the year):
Sinead Anderson, Madison Bell, James Charman, Melanie Deragopian, Carl Jonsson, Ellie Jordan, Emma Jurecky, Michelle Kerr, Jarrah Lowien, James Milligan, Yazmin Ryan, Taylah Walker and Joshua Williams.
2. Cultural and Performing Arts Certificate (the student must be nominated in three or more categories throughout the year):
Sinead Anderson, Courtney Burnett, Brianna Christie, Meggan Hickey, Carl Jonsson, James Milligan, Michelle Kerr and Addison Vine.
3. Academic Excellence awards (presented to students who have achieved a Very High Achievement across all subjects with one other result no lower than a high achievement). The recipients for 2013 are:
Brianna Christie, Ella Cotterell, Meggan Hickey, Carl Jonsson, Ellie Jordan, James Milligan, Kade Savage, Natasha Ufer and Joshua Williams.
4. Academic Endeavour Awards (presented to students who have shown commitment to reaching their academic potential). The 2013 recipients are:

Sinead Anderson, Matthew Barclay, Callum De Jonk, Emma Jurecky, Jarrah Lowien and Yazmin Ryan.

5. Subject Awards (presented to students who have been ranked the highest in each subject area):

Accounting, Japanese and Legal Studies: George Anderson

Biology: Natasha Ufer

Chemistry: Kade Savage

Christian Studies and Graphics: Emma Jurecky

Drama: Sasha Baldwin

English and English Extension: Ella Cotterell

English Communication and Furnishings: Jay Mooney

Geography: Brianna Christie

Hospitality Practices: Matthew Barclay

Information Processing and Technology: Alex Bryant

Mathematics A: Amy Seaburn

Mathematics B, Mathematics C, Technology Studies and Physical Education: Joshua Williams

Prevocational Mathematics: Kaitlyn Wylie

Modern History: Isabelle Lever

Music and Music Extension: Meggan Hickey

Physics: Carl Jonsson

Visual Art: Taylah Golden

Congratulations Year 12, 2013!

All of the best with your future endeavours.



Students of the Week

Stars of the Week - This Week Monday, 18th November

Year 1	Year 1A Thomas Cooper	Archie Palmer
Year 3	Ruby Akporhonor Isobel Hughes	Georgia Sharry
Year 4	Kirra Langmead Hayley Young	Matthew Timperley Dempsey Hall
Year 5	Alexandra Rembacz Noah Fry Maya Prout	Christopher Roth Nick Lloyd Will Henry



Miss Kim Stone, Head of Senior School Students

You Can Do It Awards

This week Monday, 18th November

Persistence:
Will Harrys



Other Awards

Multi Lit

Congratulations to
Gregory Snelling.



Maths Builder Champion of the Week

Congratulations
to
Katelyn Connors.



Food for Thought

What Children are Really Doing Online

Plus: Tips on how to talk to your children about internet safety.

The Internet can be a wonderful resource for children. They can use it to research school reports, communicate with teachers and other children, and play interactive games. Children who are old enough to punch in a few letters on the keyboard can literally access the world.

But that access can also pose hazards. For example, an eight-year-old might do an online search for "Lego." But with just one missed keystroke, the word "Legs" is entered instead, and the child may be directed to a slew of websites with a

focus on legs - some of which may contain pornographic material.

That is why it is important to be aware of what your children see and hear on the Internet, who they meet and what they share about themselves online.

Just like any safety issue, it is wise to talk with your children about your concerns, take advantage of resources to protect them, and keep a close eye on their activities.

<http://www.empoweringparents.com/What-Teens-are-Really-Doing-Online.php>

Mrs Annie Williams, School Counsellor

Returning Library and Text Books

All books and laptops need to be returned before the end of the year. Library books should be returned this week and text books and laptops returned in the final week. Students may borrow for the holidays in the final week, providing all of this year's resources have come back.

Ms Nell Keen, Teacher Librarian

Friends of Pacific

This week the Friends of Pacific AGM and final General Meeting for 2013 was held on Tuesday evening.

Thank you to all who attended and in particular the outgoing executive and office bearers.

Whilst it was the final meeting for the year, it still proved to be very busy with a number of major items discussed.

- 2014 Calendar of events - finalising the meeting dates and fundraising activities.
- Discussion of a major event / fundraiser.
- Current old school uniform drive. As this will be an ongoing venture, FOP is going to investigate the process in sending the initial donations to the Philippines.
- Final amendment and acceptance of the new constitution.

Thanks goes to Mrs Rhana Holt from Food Tech who prepared a delicious supper which was needed and enjoyed by all!

Finally, thank you again to everyone who attended and gave of their valuable time and input.

Mrs Tracey Hindmarsh, Chairperson Friends of Pacific

The Cambodia Project

The Cambodia Project is an ongoing Christian service learning project, through which Pacific aims to:

- Engage students in Cambodian history and culture;
- Engage students in the diversity of projects of charity and community development at work in Cambodia;
- Engage students in ongoing support of a specific service mission project of the Lutheran Church of Australia in Cambodia.

Groups of students, staff and parents have travelled to Cambodia in 2009 and 2012 and another group will have the opportunity to visit Cambodia in December 2014. The 2014 team will be comprised of 10 students: up to five from Year 12, up to five from Year 11 and two Year 10 students, who must be over 15 years of age upon departure for Cambodia.

Further information and expression of interest forms are available from Ms Karen Schultz in the S6 staffroom.

Trip Details

Approximate Dates: 7th - 21st December, 2014 (dates subject to flight schedules)

Approximate Cost: \$3,300 (to be paid in instalments, commencing early in 2014)

What does the trip involve?

- Spending time in fellowship with the students of the Lutheran World Mission tertiary student hostel in Phnom Penh.
- Visiting and learning from the local people in the Kampong Chhnang province.
- Learning about the history and culture of Cambodia.
- Visiting significant sites such as the Killing Fields at Choeng Ek, the Tuol Sleng Genocide Museum and the temples of Angkor.
- Visit a number of development organisations in Phnom Penh, Kampong Chhnang and Siem Reap.

Throughout 2014, team members will also be required to attend training days, help to raise awareness about issues of poverty and development in Cambodia (both in 2014 and in the future) and actively help to raise money for the people of Cambodia. Team members are also strongly encouraged to join the Spirituality and Service Pacific Action Group.

Application packages will be available from the start of the 2014 school year, and applications will be due early in Term 1.



Ms Karen Schultz

Maths Moment

Maths Calculators

The following calculators are the ones students will require for 2014:

Years 8-9-10 Maths A / Year 11-12 Maths A

The current scientific calculator (Casio fx-100AU) is acceptable so if students still have this, then they do not need to purchase another calculator. The one listed on the stationery list is the newer version which has all the same functions (Casio fx-100AU Plus).

Year 10 Maths B

Students may use their previous scientific calculator (Casio fx-100AU) throughout Year 10. If they know for sure that they will be selecting Mathematics B for Years 11/12, then they will need to purchase a graphics calculator for the commencement of Year 11. If students purchase this for Year 10, knowing that they will not be changing Maths subjects, then they will have three years use of this calculator whilst at school. Many students go on to use these further at university. We use the Casio FX9850GB Plus at Pacific. The school purchases these and students may purchase them from the school through myself (form signed, cost added to school fees) at cost price (no profit made). Students may otherwise purchase them from other places, provided they buy the correct model. Sometimes past students re-sell them privately or through the uniform shop, provided they are in good working order.

If you have any queries about any of the above, please contact me at the college or email jsteven@pacfluth.qld.edu.au

Mrs Jasmin Steven, Head of Mathematics (Years 6-12)

Music News

Speech and Drama Exam News

Congratulations to all the Speech and Drama students who did their practical exams with the Australian College of Music earlier this month. Our visiting examiner, Mrs Roslyn Mclvor, was entertained by a variety of dramatic performances - everything from Dr Seuss to Shakespeare.

Each student worked very hard on their performances, and this was reflected in their scores. Students who received a Merit (score between 75 - 84%) included Gabrielle Donato, Zeb Gallagher, Nikita Gallagher and Tamara Zolotar. Honours (score between 85 - 100%) went to Olivia French, Imogen Joppich, Indie-Mae Temenes, Ella Wildman, Georgie Jones, Amie Hague and Holly Bennett.

Special congratulations must go to Drew Russell in Year 12, who not only reached Honours level, but scored 90% in his practical exam with his performance of dramatic monologues from *Cosi*, *Frankenstein*, *The Great Gatsby* and *Animal Farm*.

Those students who sat an exam last year all reached their goal of beating their previous year's score, while newcomers to the exam process really impressed the examiner with their enthusiasm.

Many thanks to the parents, grandparents and teachers who listened to all the practising!

Mrs Lisa McKibben

Strings Concert - Years 3 and 4

Next Wednesday starting at 2.15pm, the Year 3s and the Year 4s will be holding their end of year Smart Strings concert. This will be held in the new Music Block. We look forward to hearing the great work that these students have been doing and celebrating their work as a community. We look forward to seeing you there.

The Walkers and Mr David Simpfendorfer, Head of Music

Uniform Shop

The Uniform Shop is open every:

Wednesday	8.00am	to	9.30am
Thursday	8.00am	to	9.30am
Friday	8.00am	to	9.30am

Can You Help?

Can you help for a day or half a day in the uniform shop in January on:

- Monday 20th 12 noon - 4.00pm
- Wednesday 22nd 8.00am - 12 noon
- Thursday and Friday 23rd and 24th 12 noon - 4.00pm

Meeting new families, helping with passing different sizes, no money handling required and chocolates provided! If so, please call Donna on 5436 7349. Your help would be greatly appreciated.

The uniform shop will be open on Monday, 2nd December from 8.00am to 12 noon and Friday, 24th January from 8.00am to 3.00pm as extra days for current families.

On line ordering is now available. Go to the college website and click on the link or go to www.flexischools.com.au and then find your school.

Orders will be delivered to your child's class room.

Mrs Donna Hollindale, Uniform Shop Coordinator

Tuckshop News

The Tuckshop Menu is available from the college website.

Don't forget you can order on-line!! Please look at our website for more information.

Mrs Carrie Dickson, Tuckshop Convenor

Upcoming Dates

NOVEMBER

- | | |
|----|------------------------------------|
| 26 | Kindy Christmas Function (Group 1) |
| 27 | ELC Christmas Function |
| 28 | Kindy Christmas Function (Group 2) |

29 Carol's Night (5.00pm)

DECEMBER

- 2 P-5 End of Year Service (Lake Kawana Centre - 9.00am)
- 3 Last Day for Students
- 3 Closing Service (Caloundra Events Centre - 6.30pm)
- 4-6 Staff Days

Did You Know?

The oldest word in the English language is *town*.

PACIFIC LUTHERAN COLLEGE

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For ENROLMENTS, please call
Mrs Chris Henschke (07) 5436 7321

Direct contact phone numbers are:
Sessional Kindergarten (07) 5436 7377 Early Learning Centre (07) 5436 7387



ST MARK'S LUTHERAN CHURCH

Invites You To
Sunday Services:

7.45am St Mark's Lutheran Church
16 Bombala Terrace, Caloundra

9.30am Pacific Lutheran College
Woodlands Boulevard, Meridan Plains
Worship in the undercroft area - with
a special children's program.

For more information contact the Church office on
5492 8848.

*All newsletters can be accessed in a printable
format via our website*

www.pacificlutheran.qld.edu.au, click on the
"News and Events" tab, then "Publications".

