



### From the principal's desk



Hi all, the year's end is fast approaching and we only have four weeks left with still much to do. Keep up with your learning activities, return your title pages for marking and ensure that the learning process is still taking place. Every little bit helps.

Our school improvements continue, with the large demountable complex now fenced off ready for removal. This will see our school grounds opened up, providing views and access across to the East Ballina Shopping complex. It will provide more space for students and staff and we look forward to being able to teach on this space.

Our new gym is set up and we are just sorting the legalities associated with this, so students will

soon be able to access this space and have a quality facility at their fingertips.

Our 'make-a-spaces' are also coming along and we have set up a number of green screen/, recording studios and conferencing rooms. These, when completed, will provide spaces where staff will be able to deliver high quality recordings and lessons for students. Keep an eye out for these.

We are looking into some synchronised lessons for next year. Your teachers will inform you if your year is involved with this trial, therefore providing a timetable of when lessons will take place. Be sure to link in with these lessons so that you do not miss any of the opportunities for learning. If you do happen to miss it, we are hoping to be able to provide recordings and or catch up materials.

Stay safe in the current environment around the country with the fires.

Yours in education,  
Danny Henman



## Did you know...

The Australian Museum and NSW University staff found grindstones near Walgett, NSW, dating back to over 30,000 years, and now others from the Northern Territory have been found at Kakadu, dating back to over 65,000 years, making the First Australian Peoples the oldest bakers ever recorded. The Egyptians, the next earliest, did not bake until 17,000 BCE.

### Cool Fact – The First Peoples of Australia were the first bakers in the whole world.

The author and researcher Bruce Pascoe said on ABC radio this year:

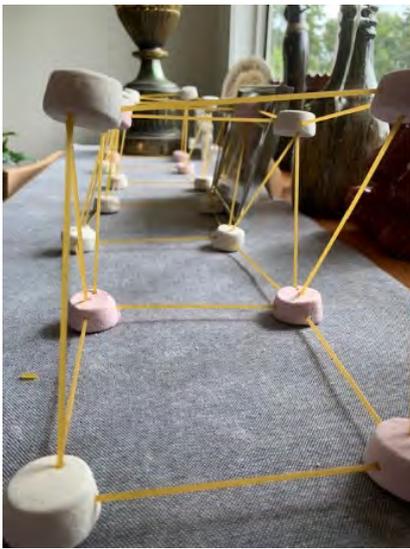
*[Let's].. rejoice in it and say, "I come from the country that invented bread. "I come from the country that was making bread 65,000 years ago. "Isn't that a fantastic thing? I'm so proud." We should get off at Los Angeles airport, Berlin airport, London airport and when people say, "Where are you from?" I want Australians to say, "I come from the country that invented bread." And that's Australia. Our country*

## Congratulations to the following students who received early entry offers to university:

|                     |  |                   |
|---------------------|--|-------------------|
| Rory Coffey         | Bachelor of Business, Bachelor of Arts           | SCU Lismore       |
| Rory Coffey         | Bachelor of Languages and International Business | UNE Armidale      |
| Jaycee-Ann Johnston | Bachelor of Nursing                              | SCU Lismore       |
| Belle Smith         | Bachelor of Occupational Therapy                 | SCU Coffs Harbour |
| Xavier Matheson     | Bachelor of Digital Media and Communications     | SCU Lismore       |
| Carla Sykes         | Bachelor of Business                             | SCU Gold Coast    |
| Savannah Brannigan  | Preparing for Success Program                    | SCU Lismore       |
| Chloe Woods         | Preparing for Success Program                    | SCU Lismore       |

Senior Pathways Team





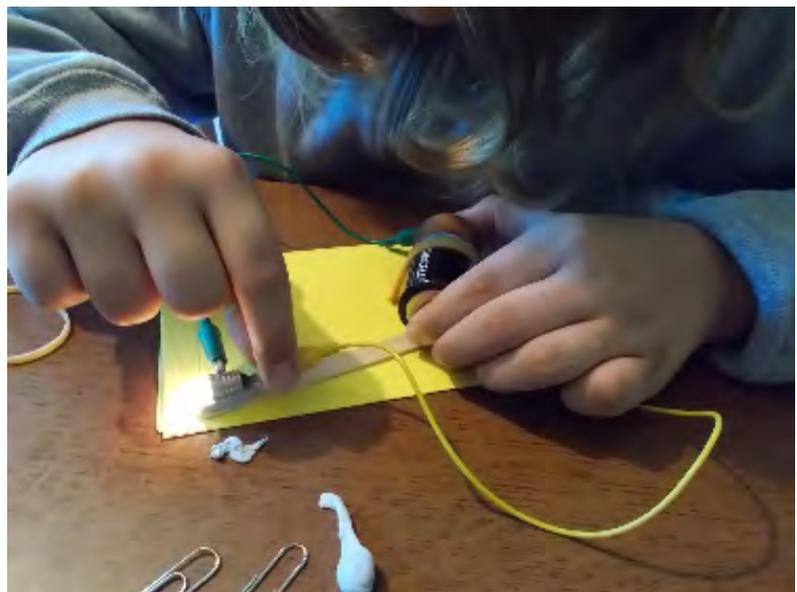
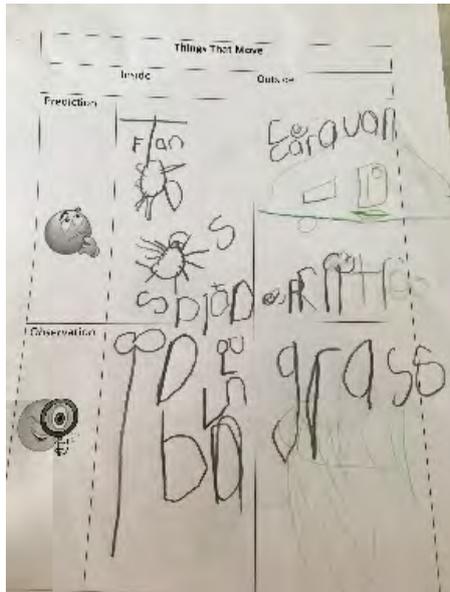
A marshmallow and spaghetti bridge and parachute air resistance testing



Recording data, testing forces and testing how things roll



Arcade game, testing what floats and building bridges



Recording observations and making circuits

In our final five-week learning sequence for the year, students are challenged to come up with their own project idea and follow the design process to design, build, test and evaluate. We can't wait to see the results!

Below: a design and construction challenge for our T4 mini-school, hopefully solving our eastern rosella-nesting problem.



## Secondary News - TAS faculty

### 2019 Year 12 Textiles

This year Dominique Gubby and Makaela Moran from St John's College Woodlawn, Breanna McBride and Brooke Jeffery from Maclean High School and Jessica Fountain from Evans River Community School completed their Year 12 HSC major projects and exam. All of the girls submitted works in the textile art category.

**Dominique's** project was a group of vessels inspired by the four seasons. Her organic shapes were made using techniques such as felting, machine embroidery, weaving, crochet and beading. The vessels were made from natural and recycled materials. The felted pumpkin was inspired by the harvest season, of autumn, the winter felted vessels inspired by the Inuit people, fur and snow. The woven basket - Summer, the waves – beach and the sand, and lastly the beautiful spring vessel created from Solvey, machine embroidery and beading.

**Makaela's** project was a printed tepee and two figurines inspired by Native Cherokee Indians. The tepee was hand painted and printed with designs inspired by the Cherokee Indians. Makaela's figurines were dressed in machine embroidered, hand painted and felted headdresses. The beautiful beaded belts were hand woven on a tiny loom that she sourced from America and features were all hand embroidered.

**Brooke** was inspired by music. She produced a patchwork quilt with lyrics from her favourite music albums. Each square was hand embroidered or tie dyed. Brooke had completed the duvet cover in a queen size to top her bed that she had crafted for her design and technology major project.

**Breanna** submitted a beautiful Korean inspired, silk wall hanging that was appliqued with a figure and free hand embroidery, on hand dyed silk for the background. Breanna was also inspired by her love of music

**Jessica's** work was inspired by her Grandmother's philosophy of 'Waste not want not' and was conveyed using the characters from the story of *Goldilocks and the Three Bears*. Goldilocks represents wasteful, uncaring element of human society who take what they want without regard for any impact on the Earth's resources, while the bears represent making-do with what is available and learning new skills to make things rather than just buying new all the time. The skills used to make the bears is a family tradition passed onto Jessica from her mother and Grandmother.

Congratulations girls!

Both Makaela and Dominique are hoping to gain entry into the School of Fashion in Sydney and Wollongbar.

#### Jessica Fountain



Breanna McBride



Makaela Moran



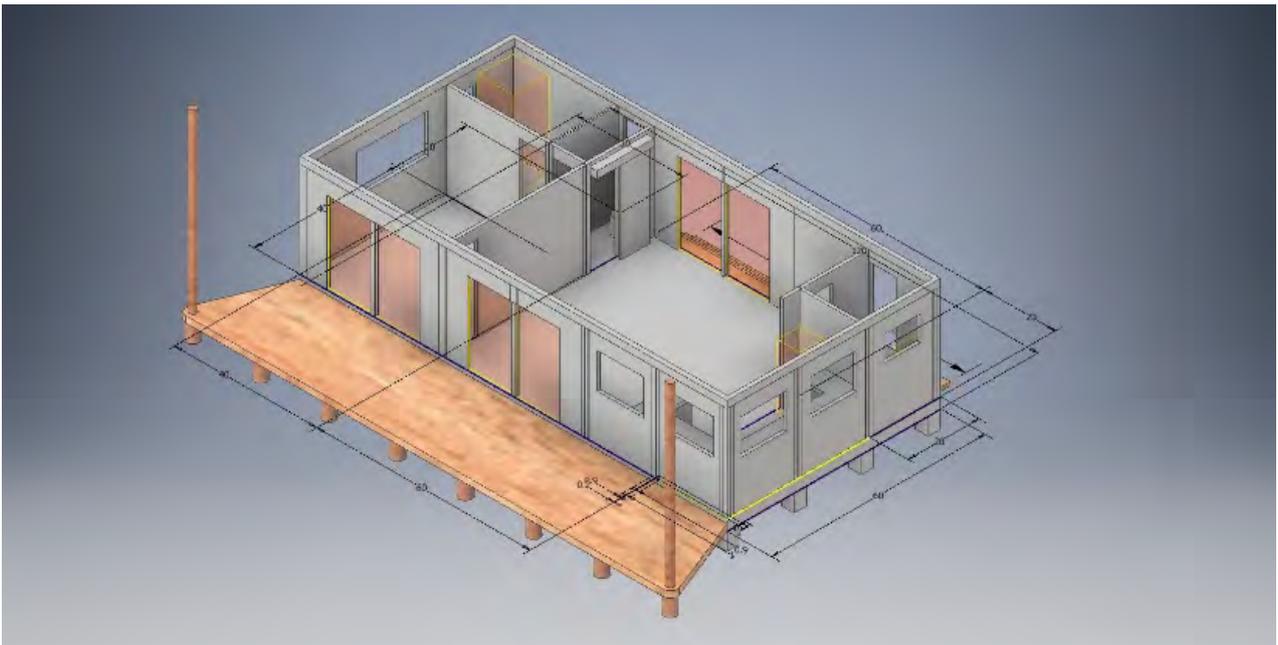
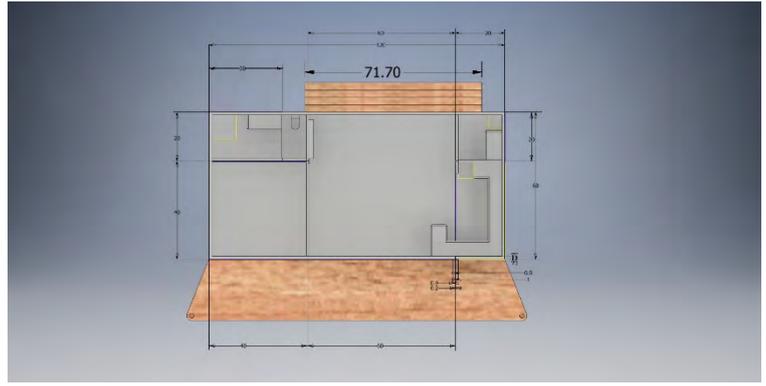
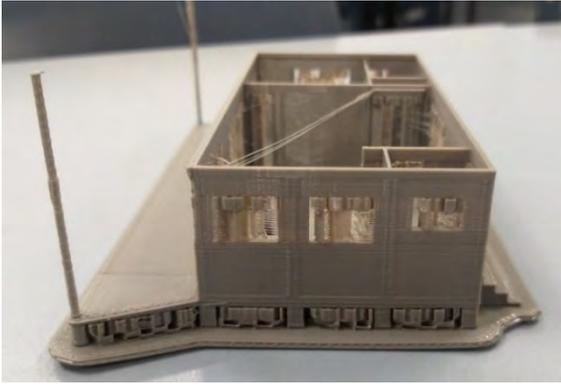
Dominique Gubby



Brooke Jeffery



## Year 12 Industrial Technology: Graphics Technologies HSC Major Project



Cadel Beard Major Project: Sustainable Modular Housing Architectural design, CAD and 3D printed model.

## Stage 5 Textiles

Year 9 and 10 Textiles Technology students have produced some fantastic projects this year developing their skills in construction and in design.

Some of the surface decoration techniques we practised this year included: applique, screen and block printing, chenilling, hand and machine embroidery.

Garment construction techniques included: using a commercial pattern, choosing appropriate fabrics, inserting a zip, applying interfacing and perfecting seam finishes to give a professional touch to our garments.

Here is a selection of photos of our wonderful Stage 5 Textile and Technology students working and some of the projects completed this year:



## Year 9 Food Tech.

### ON THE HOP!

Nakiah Slabb and Lucas Goodsall are currently in Year 9 Food Technology. They are often travelling around Australia making dinner for their families. It is a very important aspect of the course that the students complete their practical work on a regular basis.

Nakiah's kebabs with Greek salad



Lucas in the caravan on the go, cooking for his dad.



## Senior Food Technology

**Day Menu for females 13-18 years**

**Breakfast -**  
120g 2 large poached eggs, 80g of whole meal bread and 1 cup of fresh milk and served with water

**Morning Tea -**  
1 medium fresh orange, 1 small kiwi fruits and 30g almond nuts served with water

**Lunch -**  
1 cup of baby spinach, 1 medium tomato, 40g of 4 x 3 x 2cm cube of cheddar cheese on 80g of roll bread served with water

**Afternoon Tea -**  
No added sugar 60g muesli, with ½ cup of fresh milk, 35g scone served with water

**Dinner -**  
65g of lean steak, ½ cup of carrots, ½ of broccoli 1 cup of beans and 37.5g of green beans (stir-fried) with pepper sauce served with water

**Desert -**  
½ low fat yoghurt with half a apricot served with water

**13- 18 year old serves:**

**Female:**  
Vegetables—5  
Fruit—2  
Grain—7  
Meat, eggs, nuts, fish—2.5  
Dairy products—3.5  
Allowance for more serves 0.25

**Male:**  
Vegetables—5.5  
Fruit—2  
Grain—7  
Meat, eggs, nuts, fish—2.5  
Dairy products—3.5  
Allowance for more serves 0.5

can see her daily meal plan, which will provide all the required nutrients for a female adolescent.

## Industrial Technology – Multimedia

This year certainly started differently with the school receiving a call from Gundagai High School enquiring if 12 of their students could join the Industrial Technology – Multimedia cohort as their teacher was no longer available. This resulted in eleven Year 12 students and one Year 11 student welcomed into Distance Education by their teacher, Suzanne Warmerdam. Congratulations to all the students on completion of their courses, with the Year 11 student continuing into Year 12, 2020. Also, to the Gundagai supervisors, Erin McCallum and Katie Campbell for their outstanding support and to Suzanne their teacher, who survived a mid-winter visit whilst being sleeted and rained on in both Canberra and Gundagai.

Year 11 Food Technology students have the opportunity to create a nutrition information pamphlet for a particular group of people. Lucy Scarlett produced an excellent pamphlet and you

## TAS work areas



As part of our recent move to our new faculty area and staffroom, the acquisition of one of the two previous construction rooms is providing our students with a whole, new opportunity to assist with the completion of practical tasks.

The room is still in the process of being up-graded to suit our needs, but some students have already been using the facility this year.

Jake Sivewright, Industrial Technology Building Construction, has completed a sheet metal toolbox, mug tree (pictured), and small coffee table.

Other new students have also been making regular use of the room to complete the practical component of their Industrial Technology Timber course.

A student from Grafton has travelled at least once, per term to Ballina to attend the STEM days and complete the practical component of his Farm Maintenance course.



We are currently planning how the room is to be accessed in the coming year to provide students with regular practical experience in a timely manner, to assist with the completion of their practical courses.

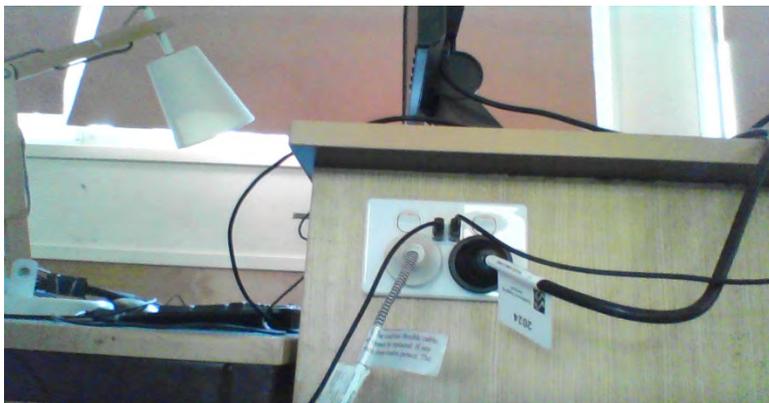
## Latest news from the STEMLAB

This is our amazingly efficient laser cutter setup:



Pictured: checklists, PC to drive it, smoke extraction, and green laser cutter lid.

We now have 20 USB power outlets in the STEMLAB. This is a major safety and efficiency update. Pictured is a powerpoint fully utilised:



## TAS - cutting edge training

TAS staff and students have undergone training in the Adobe Creative suit programs: Illustrator and Indesign. These programmes have been used to create templates, layouts and designs for various outputs including senior design folios, units of work and project specific illustrations.

The programmes are used in conjunction with industry standard hardware such as Laser Cutters, 3D Routers and 3D Printers and have applications in areas as extensive as graphics, textiles, architecture and engineering.

Consequently, the TAS faculty has recognised that in order for the students of our school to be competitive and well versed for their tertiary education and employment, it is essential that these facilities be equally available to them.

A number of our students have embraced this training as part of their studies and we are looking to continue to expand the multimodal implementation of these training assets for the wide scope of subject areas under the TAS umbrella.

We will be running Laser Cutting Workshops in 2020. Dates and details will be published in next year's newsletters.

## TAS Faculty Training on the Laser Cutter



TAS staff have participated in the first of several training sessions in the operation of the Laser Cutter and in designing files in Adobe Illustrator necessary to program the machine.

We are planning to introduce units into several TAS courses where students will create their own projects.

The Laser cutter can be used on many different materials from paper to metal and plastics, to sewing fabrics.



It is a priority of our faculty to have our students engaging in as much practical work as possible using the latest software and technology. This will provide them the opportunity to confidently transition into the workforce with the ICT skills they need.

# Do It For Dolly

## *Southern Cross School of Distance Education Presentation Day Art Exhibition*

The Southern Cross School of Distance Education Student Leadership Team are proud supporters of Dolly's Dream, a charity set up in honour of Amy 'Dolly' Everett, a fourteen-year-old girl who committed suicide after a prolonged period of bullying and cyberbullying. A young life was taken away from a girl who loved horses and the colour blue, the face of the iconic Australian Akubra Hat. Bullying affects us all in some way, so we're urging our entire school community to stand up together against bullying and 'Speak Up Even If Your Voice Shakes' in support of Dolly's Dream. We're calling on **ALL** students from **ALL** grades, no matter what your artistic level, to participate in the Presentation Day Art Exhibition. Please help us Do It For Dolly and Be Kind.

Tonya Turner on behalf of the Southern Cross School of Distance Education Student Leadership Team

Proudly Supporting Dolly's Dream ♥

### **Presentation Day Art Exhibition – Monday December 16<sup>th</sup> 9:30am**

#### *Entry Details*

Theme: Spreading kindness through the message 'Speak even if your voice shakes'.  
Include the colour blue.

Format: Painting, drawing, photography, sculpture, etc. – Any form of visual art.

#### **Submission Details:**

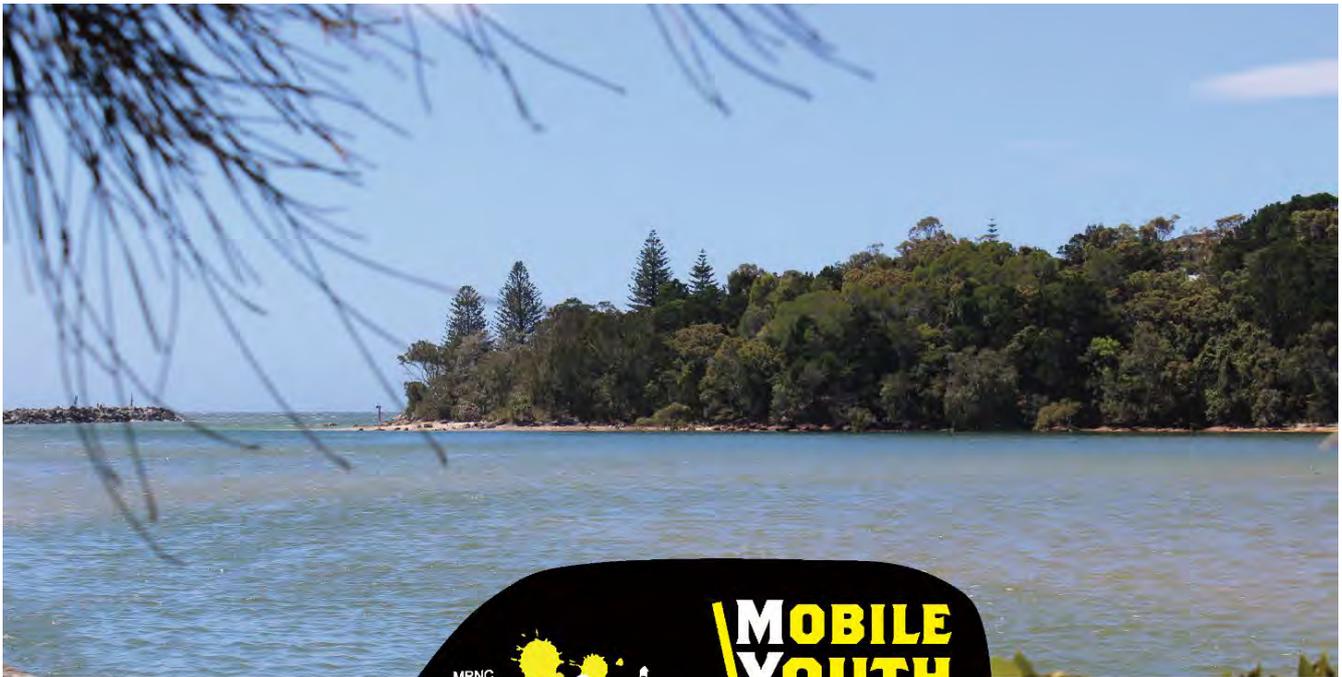
All artworks are to be no bigger than an A3 page.

Artworks must be sent to Judith Ford.

Please contact a Visual Arts teacher if you require assistance

**Entries close the Friday of Week 8 (December 6<sup>th</sup>)**





## LOCATIONS

AFTERSCHOOL HOURS FROM 3PM - 8PM

TUES **BROADWATER**

FRI **CORAKI**

SAT **EVANS HEAD**

THURS **ILUKA**

WED **WOODBURN**

## COMING TO A SKATE PARK NEAR YOU!

The Mid Richmond Neighbourhood Centre is proud to introduce, The Mobile Youth Van. This exciting new project will be visiting various local communities to engage with young people and provide a space to gain support and information, hangout, access free wifi, participate in activities such as; sports, art, movie nights, games and more...

***Anyone under the age of 12 will need a parent/guardian to accompany them.***



Mid Richmond Neighbourhood Centre  
Shop 5/6 Oak Street Evans Head  
(02) 6682 4334



**Only days to go!**

**10.00 am – 1.00 pm**

**Friday 6 December** SCSODE East Ballina

Stalls so far...

- Garlic Plaits
- Art works
- Cheese and spinach rolls
- Carrot cakes
- Native bird boxes
- Café
- Hair accessories
- Bees wax wraps
- 3D cards
- Crafts
- Preloved clothes
- BBQ
- Plants
- Garlic raffle
- Kombucha
- And more...

Stall holders will make a gold coin donation to our charities of the day

Run a stall, ask a question, have an idea, please call Alison Sandercock or your year adviser  
66810300



Dear Students, Parents/Carers,  
Community Members and  
Special Guests

The Presentation Day is an opportunity to meet with Distance Education students and staff from Inverell, Tenterfield, Glen Innes and surrounding areas to recognise and celebrate student successes and achievements through the year

Mr Danny Henman  
Principal

Date: Wed 11 December  
Time: 10:00am (10:30am start)  
Where: Inverell RSM Club  
68 - 76 Evans St Inverell  
NSW 2360

RSVP 29 NOVEMBER 2019  
SCHOOL NUMBER 66 810 300  
OR CONTACT YOUR STUDENT  
ADVISOR

A light lunch will be provided  
after the presentation

Students are invited to participate in  
"10 Pin Bowling activity" after lunch  
(provide own transport)



Dear parents, supervisors and students

You are formally invited to the

**Southern Cross School of Distance Education**

**2019 Years 7-12 Presentation Day**

Monday 16th December 2019

Ballina RSL—9:30am for a 10am start

Light lunch will be provided after the Ceremony at 12 noon

**The Presentation Assembly is a wonderful opportunity to meet with other students, celebrate the successes of the year and view some talented performances by our students.**

**We look forward to your attendance.**

All Years 7-12 full time students and their parents/supervisors are welcome even if you have already attended one of our other end of year presentations.

Water sport activities will be held at Shaw's Bay  
in East Ballina from 1.30pm

Please return the signed water sports permission note  
prior to the date, or bring it with you on the day.

*Mr Danny Henman*  
*Principal*