

Byron Bay High School

Newsletter

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Friday 18 November 2016

Term 4 - Week 6

Dear Parents and Caregivers,

New courses in Stage 4, 2017

Two new courses will run at Byron Bay High School next year for students in Stage 5.

The first is called STEM which stands for Science Technology Engineering and Maths. While these courses have previously been taught as stand alone subjects, we will teach this as a combined class next year.

Students will be working on coding, robotics and solving real world problems. The second course is called Project Based Learning. We have previously run PBL in numerous subject areas over many years. Next year we teach it as a stand alone subject where students get to collaborate together to answer open ended guiding questions such as "Is the Future really Ours?" or "What connection does Byron Bay need?"

Both these new courses allow us to further develop teamwork, problem solving, critical thinking, communication, information, media and 21st Century technology skills.

Locals HeliDrop

"THE DROP" Locals HeliDrop Event at Red Devils Park is just two weeks away! Your chance to win \$5,000 in the inaugural Helicopter Golf Ball Drop. It's just \$20 to buy a numbered golf ball and with only 1500 balls getting dropped from a Chopper, closest to pin wins ... so get in fast and get dropped ... ALL money raised goes to Rotary Byron Bay, Byron Bay Public School and Byron Bay High School. Second "dropped ball" prize is \$500 and third prize is \$100. Once you have secured your ball(s) you won't want to miss the Helicopter Golf Ball Drop on Sunday 4 December at Red Devil Park Byron Bay, from Noon till 4pm, balls dropped from the sky at 2pm.

This will be a Byron Locals not-to-be-missed event raising funds for the local community. Bands, Beer, Burger, Balls and all NOT FOR PROFIT LOCAL COMMUNITY STALLS. Tickets can be purchased from Byron Bay High School front office or by clicking this link [Helidrop tickets](#).

Mr Peter King, Principal

Byron Bay High School website now has photos up of our 2016 Breakfast and Presentation as well as 2016 Formal photos. Click here for the links [Year 12 2016 Formal](#) and [Year 12 Breakfast and Presentation](#)

What's Coming Up!

WEEK 7

21 November (Day 7)

Year 10 PASS Beach Fitness

22 November (Day 1)

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23 November (Day 2)

Year 11 RRISK Day

24 November (Day 3)

-

25 November (Day 4)

Year 9 PASS Beach Fitness

WEEK 8

28 November (Day 5)

Year 10 Creativity Project

29 November (Day 6)

-

30 November (Day 7)

Year 10 Peer Mentoring Training
Year 10 PASS Beach Fitness

1 December (Day 1)

-

Payments Now due

Year 10 Canoe Trip - \$100 deposit
Year 12 RRISK Day @ SCU - \$15
Italy 2017 Instalment 4 - \$700
Cambodia 2017 Instalment 3 - \$800
All School Fees are now overdue



Member of the Lighthouse Valley

The Future is Ours

Byron Bay High School stand proudly on the traditional land of the Arakwal people of the Bundjalung Nation

2016 Indigenous Education awards

2016 Indigenous Education awards were held on Thursday 10 November at Mullumbimby High School. Nickolla Clarke (*pictured on the right*) received a Student Leadership Award. This award is presented to Aboriginal students who have demonstrated exceptional skill in promoting, encouraging and supporting student participation across their school and community. Aboriginal students nominated will have effective communication skills, have contributed to school initiatives, be ambassadors to their school and or community, be role models and maintain a positive attitude to their school and community.



Mia Thom and Jessica Buhagiar received the only two Academic Excellence Awards presented for the North Coast. This award is presented to Aboriginal students who have demonstrated outstanding academic assessment in three or more subjects in 2016 and who display a positive attitude to school and a commitment to ongoing education or training.

Bangarra Dance Theatre

Kiahn Ladkin and Hunter Mains (*pictured on the right*) are having a fabulous time with Bangarra Dance Theatre training and dancing to participate in the Schools Spectacular as Junior Bangarra dancers.

Mrs Michelle Lowe, HSIE Teacher



South East Queensland University Tour 2016

Byron Bay High School and Mullumbimby High School will be joining forces to give our current Year 12 students the opportunity to visit five tertiary institutions located in South East Queensland. On Thursday 8 and Friday 9 December 2016 students will be traveling by bus to visit; Bond University, Griffith University, Queensland University of Technology, University of Queensland (students will be staying overnight on the University of Queensland campus) and Southern Cross University (Gold Coast Campus). The excursion will give students the chance to familiarise themselves with each of the universities and to collect information regarding courses, scholarships, costs, living away from home, accommodation, and post high school pathways, which aims to help make the transition from school to university easier. This excursion is always well received by students and is of great assistance in school to work planning.

Mr Brian O'Connor, Careers Advisor

School Fees

A friendly reminder that all school accounts are now due. If you have already paid your account thank you. Options are as follows - pay via the school website following this link [Make a Payment](#), phone the office to pay over the phone by credit card or send cash/cheque with student. To make payment to our Building Fund please email Leanne.niemack@det.nsw.edu.au for bank details and to receive a tax deductible receipt for your accountant. Parents who are experiencing financial hardship may be eligible for assistance from the Student Assistance Scheme. Please contact the office for an application form or alternatively contact Mrs Niemack to arrange a payment plan.



2016 Year 10 Science Awards Night

Earlier this year students Year 10 Science students at Byron Bay High School were required to undertake a Student Research Project (SRP). The SRP is designed to enable students to develop a number of key scientific process skills including researching, hypothesising, investigating, analysing results, etc. This project represents the culmination of years of studies in Science and embodies a major milestone in the progression of students to becoming truly independent scientists, able to identify and investigate a topic of their own choosing.

On Wednesday 2 November the Science faculty of Byron Bay High School held its annual Student Research Project awards night. This night recognises the commitment and dedication of students in completing outstanding investigations and celebrates their fantastic achievements. A total of \$420 in awards was on offer with several categories of achievement. Each student was presented with a certificate of achievement and a little 'goodie' bag of treats enjoy. Following the presentation of awards students and their parents/guardians were invited to join the Science staff for a delicious BBQ dinner.

As part of the awards evening our guest speaker, Hanabeth Luke, outlined her rewarding Science career which first began at Byron Bay High School when Hanabeth herself was a student here. Graduating from Southern Cross University with a degree in Coastal Management in 2001, Hanabeth's studies have since focused on the social dynamics in response to coal-seam gas (CSG) industry developments in Eastern Australia. As part of her career Hanabeth has travelled the world, gaining a Post Graduate Certificate in Education from the University of Plymouth and teaching Environmental Science, Geography, World Development and Sociology for several years in the UK.

In deciding the recipients of the "*Best investigation for 2016*" award teachers of the Year 10 Science classes reviewed some of the top investigations in the year. Selection was based on criteria such as the overall grade awarded, evidence of the progression of their project recorded in their logbook, complexity of their investigation, presentation of results/findings and their analysis of results. The *Best investigation for 2016* was awarded to Keaton Buhagiar (*pictured*) for his project "Does blood pressure & pulse change after doing exercise?" Keaton received \$100 for his efforts and had his named inscribed on the perpetual *Best Science Investigation* shield displayed in the Byron Bay High School front office since 2012.



With so many excellent investigations to choose from it was only fitting that we had a runner-up. This year, the runner-up was Cooper Motley for his project "*1, 2, 3 or more: Investigating the human subitizing range*". Cooper's project investigated the 'subitizing' concept (derived from the Latin *subitus*, meaning "sudden") which is the rapid, accurate, and confident judgment of numbers performed for a small numbers of items. For his fine efforts Cooper was awarded \$50.

A well designed method is crucial to carrying out a 'fair test'. It is an essential skill in scientific report writing to be able to clearly articulate the procedure you carried out in order to allow others to verify your results. The two students selected for the *Strong Scientific Method* award were; Stella McCarthy-Huxley for her project "*Does the temperature of water affect the time it takes for a Panadol to dissolve?*" and Shea Mulligan for her project "*Investigating the effect of different soils on the growth of sunflowers*". Each of the students received \$30.

The Innovative and Conceptual Investigations award recognises students that have thought of unique ideas for an investigation and interesting ways to carry out their investigation. This year there were five students selected for this prize. Jasmin Valentine for her project "The Birthday Paradox" which investigated the rather counter-intuitive idea that in a random group of 23 people, there is about a 50% chance that two people will have the same birthday; Kai Dubois for his project "Investigating the effect of Push, Pull & Push Pull at different fan speeds on CPU temperature" which examined the best orientation of fans in a computer for cooling; Amber



Chegwyn for her project "Investigating the most effective orientation of a solar panel"; and Pandanus West for his project "Aerodynamics: The Science Behind Moving Vehicles". Each of the students received \$30.

The *Highly Commended Investigations* category included a diverse pool of projects that were serious contenders for the previously mentioned awards based on the exceptional quality of their investigations. Recipients of this award included; Jasmin Burke-Smith, Jade Adie, Kyle Ravenhill, Piper Edmonds, Benjamin Huntsman, Emma Pantoja Barkla, Eva Priestley, Eva Salmon, Georgia Willey, Maya Francis-Green, Ethan Archer, Mya Atkins-Healey, Tonaya Basso, Jordan Jantschulev and Archie Truswell.

The final category *Commendable Investigations*, recognises students who achieved to a very high standard in this significant assessment task for Year 10 Science. Recipients of this award included; Daniel Peacock, Jackson Saunders, Koby Pollock, Madison Creecy, Isabella Dallimore, Peta Halliburton, Finley Stubbs, Bronte Lewis, Theresa Kellett, Isla Belcher, Harvey Stauce, Tulani Burgess, Shaun Chaseling, Megan Davenport, Jakob Cox, Zane Forsyth and Carl Power.

I would like to thank the students for their fine efforts in completing such excellent scientific investigations, their parents and guardians for their support and attendance on the night, Hanabeth Luke for her address, Steve Slee for setting up the equipment for the night, Nick Gibbs for his excellent BBQing skills, the Byron Bay High School canteen staff for their work in preparing the catering for the evening and Jen Hansen in constructing the certificates.

Mr Chris Parkes, Science Teacher

Year 10 Mathematics Activities for Week 7 to 10

Now that exams for Year 10 are completed we are preparing the students to move into the preliminary HSC courses for Mathematics in 2017.

Students in 10M1 have commenced the HSC course and will complete the first assessment task on 16 December 2016. It is important that they maintain a high level attendance and apply themselves diligently to meet the requirements of this course.

Students undertaking 2 Unit Mathematics in 2017 will be completing unit of work on the Quadratic Function and Probability. Both of these topics are pre-requisites for the Preliminary Mathematics Course.

The students entering General Mathematics are taking part in the ASIC Money-Smart program. This program is a Financial Literacy program and will benefit students in developing money sense and will also prepare them for one of the five main concept areas completed in year 11.

Ms Jacqueline Lyon, Head Teacher of Mathematics

Waste Free Lunch Programme

This term has seen the launch of the Byron Bay High School Waste Free Lunch Programme. Students have been encouraged to bring in waste free lunches in order to reduce our impact as a school on our fragile, yet beautiful, marine ecosystem. The Waste Free Programme has been student led and is in response to student concern about loss of resources, death of marine animal and birds and marine pollution. The canteen has been leading the way in getting rid of cling wrap and other non-recyclable containers. Students who participated in the programme and brought in waste free lunches had their names placed in a raffle and there have been some excellent prizes. Much thanks to our sponsors: Folke, Maddog, Afends, Yoflo, Go Sea Kayak, All About a Girl, O-Sushi, Cape Byron Kayaks, Byron Bay Dive Centre and Bay Burger.

Ms Michelle Lowe, HSIE Teacher



MUSIC NEWS - 'RISING STARS'

It has been a great term for music in our school, where we have seen the launch of the Day 3 lunchtime Sessions, performance assemblies and places won on the Mullum Festival Youth Mentorship Program. We also have students performing at the Mullum Music festival Youth Stage.

Day 3 Sessions are a new lunchtime music event, outdoors, outside the music block; music by students for students. The Year 12 VET Entertainment Industry students have been developing their technical knowledge and gaining professional experience by staging and producing the event each week. The quality of performance has been consistently great with more and more students coming forward to audition. The atmosphere has been pretty cool with cold watermelon and drinks served up. The event has pulled a large audience of students and staff. Anyone interested in performing needs to make themselves known to music staff. Big thanks to Mrs McGregor and Mr Baker for their ongoing involvement. Videos will be posted online soon.

Performance Assembly has become part of the new assembly programme in the school, where we showcase a handpicked and diverse selection of performers to play in front of the whole school every week 6 assembly each term. They get the chance to perform on a large stage through a full production rig and with lights, also involving Year 12 Vet Entertainment students.

This last Wednesday was the first one, and we were treated to an arrangement of 'Valerie' played by the School Band, featuring Holley Somerville, then Isabella Cox performing an original song with guitar, followed by an inspirational piano performance by Jake Fitzpatrick, a song by year 10 duo Shea Mulligan and Amber Chegwyn and finally a cover song by year 10 music students Ethan Archer, Brady Fuhrmann and Xander Mains, helped along by Mr Baker on bass. The event was presented by Griffin Bambach and again supported by Year 12 Vet students doing the sound, lights and set down. Videos will be posted online soon.

Mullumbimby Music Festival - We are very pleased to announce that we are programming several of our students at the festival this year, who will be performing at the Youth Training Station marquee in the Mullumbimby High School grounds on Sunday at 2 pm. Artists include Eva Priestley, Tilka Fosmale, Nyah Dalle-Nogare, Isabella Cox, Alex Von Reinhaart and Max Squires. Friends and relatives can see the performances without having to buy a ticket, so go along to support them if you can.

Youth Mentorship Scheme 2016 - We are very proud to announce that several of our students have successfully won a prestigious place on this year's mentorship program. Vincent Sebastian, Maayan Barnatan and Bon Soric performing as East Atlantic, have won the band category and will be mentored by Nattali Rize from Blue King Brown and rising star Isabella Cox has taken the singer/songwriter prize and will be mentored by Suzannah Espie. Both acts get a gig at the festival, playing at the Drill hall on Saturday at 12.30 pm as well as attend their mentor's gigs backstage.

Keep the Music playing and keep playing the Music!

Mr Dan Reade and the music team!



Year 7 Agriculture

Byron Bay High School has always offered an excellent Year 7 Agriculture program in which students have enjoyed learning the correct practices of animal welfare and care. The Agriculture course by nature is multidisciplinary supporting learning in all subject areas. The Year 7 Ag students have embraced the principles of Project Based Learning with enthusiasm to produce a variety of clever and sustainable designs for container plants. It has been a joy to follow their journey as they transition from Primary to High School in a unique and beautiful welcoming school farm environment. The 7 Ag students have given

extremely positive evaluations including Avalon Gonzales 7H *"Doing Ag at school is such an amazing opportunity for everyone. It is always an adventure, you never know what kind of fun awaits you and you are constantly learning things that will teach you important life skills from growing plants to looking after animals. In short, Ag is just amazing!"*

Mrs Jennifer Woodward, Agriculture Teacher



New Library Resources Term 4 Week 6**FICTION:**

Black Rock White City
 The Book of Whispers
 The Call
 Everything is Changed
 The Girl on the Train
 Great Falls
 Into Tordon
 The Leopard Princess
 The Lion Roars
 Lizzie and Margaret Rose
 Lucy Locket, Online Disaster
 My Best Friend is a Goddess
 My Name's Not Friday
 Nothings Tastes as Good
 One
 Our Chemical Hearts
 Salt Creek
 Snow White
 The Smuggler's Curse
 Starring Sally J. Freedman as Herself

Tell the Truth, Shame the Devil

A Very Good Chance
 When the Lyrebird Calls
 Word Nerd
 Words in Deep Blue

GRAPHIC NOVEL:

Alpha: Abidjan to Gare du Nord

PICTURE BOOKS:

The Duck and the Darklings
 Me, Teddy

NON-FICTION:

The Book that Made Me
 For Keeps: a treasury of stories, poems and plays ...
 Jellyfish a natural history
 Oxford Concise English-Chinese, Chinese-English Dictionary

BIOGRAPHIES:

Reckoning: a memoir (Magda Szubanski)

Our School Canteen**Lunch Orders at the Canteen**

To save lining up in the canteen queue at lunch time and to guarantee you don't miss out on the food you would like for the day students and staff can order their lunch in the morning. If your child is unsure what to do, please send them to see our friendly canteen supervisors, Alison or Mandy to help this really easy and convenient option.

Gluten Free Options

We always have gluten free options at the canteen. Come talk to Alison or Mandy and place an order and they will tell you the options for the day.

Term 4 - Week 7 Canteen Roster

Reminder for canteen helpers

| | |
|-----------------------|--------------------|
| Monday 21 November | Vicki Caesar |
| Tuesday 22 November | Perina Oliver |
| Wednesday 23 November | No help required |
| Thursday 24 November | <i>Help needed</i> |
| Friday 25 November | <i>Help needed</i> |

Phone 6685 5381 or email byronbay-h.school@det.nsw.edu.au
 if you would like to volunteer.

Uniform Shop Roster - 8.30 to 9.30 Wednesdays

Complete an order form from our website

www.byronbay-h.schools.nsw.edu.au/our-school/uniform

then email to byronbay-h.school@det.nsw.edu.au

| | |
|-------------|--------------------------------|
| 23 November | Joan Hazlett |
| 30 November | Claire Smith and Joelle Baker |
| 6 December | Claire Smith (Orientation day) |
| 7 December | Joan Hazlett |
| 14 December | Claire Smith and Melissa Tysoe |



Kingscliff TAFE Cudgen Road



Thursday 17 November 2016

9.30am - 7.00pm (EDST)

Turn your passion into a career

Explore your career options through interactive demonstrations and be inspired by our graduating students! Discover more at the information sessions held by our talented teachers.

The SEA FM Sea Cruiser will be broadcasting live from 10am.

1300 628 233

1 northcoasttafe.edu.au

DRAGON'S DROP IN AND COMPUTER ROOM

New i-Mac Computers available for accessing the internet, social media, Photoshop and games.

Help available for school work, assignments, and personal projects if needed.

Games, Film-making, Art, Music and other Activities.

WEDNESDAY AFTERNOON 3:30 - 5:30PM
AGES 12-24
AT BYRON YAC

BYS byron youth service
YAC BYRON YOUTH ACTIVITIES CENTRE

Address: 1 Gilmore Creek, Byron Bay NSW 2481
 Phone: (02) 6686 7777 Email: info@bys.org.au

Teach Your Teen To Drive

Are you learning to drive or about to begin learning...or teaching a learner?
 Would you like some free help from a qualified driving instructor?

Thursday 1 December, 4.30 - 7.30pm

Lismore Library

Refreshments provided. Bookings essential. Phone 02 6621 2464.



- The importance of the Learner/Supervisor partnership
 - All about the Log Book
 - Low risk driving strategies
 - Techniques for teaching
- Things you need to know for your driving test...and more...



A free presentation with thanks to 'Club Grants' & the Lismore Workers Club

Learners, please bring your log books along.

Richmond Tweed Regional Library
 Connect. Discover. Escape.

Lismore Library
 02 6621 2464
 110 Magellan Street
 Lismore NSW 2480



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