



National Science Week
Students from 7 to 12 spend
time in so many different
areas of Science



Next week it is time to make
sport choices for Term 4.
Please have a conversation
so you and your child are in
agreement about sport
choices.

NEWSLETTER

FROM THE PRINCIPAL

"Waste is a
personal
matter"

Waste happens. We have things left over from a project or a meal; we call that waste. Sometimes some leftover is necessary to allow a project to be of its correct style or shape.

Other waste is good resources squandered because of lack of foresight or lack of care.

In our world today, some countries treat some of their people as waste. They become fodder for the political or military aspirations of an elite.

Some people waste parts of their lives in lassitude, false dreams, laziness, drugged stupor or riotous living. They then, one day, wake up to themselves and admit they have many wasted years. They lament "Oh how foolish!"

Waste can be minimised with careful thinking, planning and consideration of consequences. People with very little tend to be careful about waste.

People who have not extended personal effort in acquiring a resource can be nonchalantly wasteful of other people's resources.

Waste is a personal matter.

Time can be wasted. Food can be wasted. Money can be wasted. Friendships can be wasted. Much in our lives can be wasted.

To date, my understanding of God is that he is not into waste.

Amy Carmichael, an amazingly adventurous woman of the 20th Century, wrote these true words:

"God never wastes His servants' time, God never wastes His servants' toil, God never wastes His servants' pain, God never wastes His servants' gifts. He may transfer you from one sphere of action to another, but He never wastes anything put at His disposal."

What is your attitude to waste? This attitude will tell much about you and the richness of your being.

God loves you and so do I.

Rodney Lynn,



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TERM 3 SCHOOL HOLIDAYS

Monday, 26
September to Friday,
7 October, 2017

COMING UP

- 15-26/8 Year 12 Trial HSC Examinations
- 19/8 State Athletics (Primary)
- 19/8 Mufti Day
- 24/8 Yr 10/11 Maths Excursion
- 25/8 Secondary State Athletics
- 29/8 HSC Drama Practical Exam
- 30/8 Poetry Competition
- 30/8 Year 12 Creative Writing Workshop

NATIONAL SCIENCE WEEK



It has been an exciting week in our Science classrooms this week. Being National Science Week students across the nation are enjoying learning about the benefits science provides to society and the environment. Whether it be through research and the development of new technologies for medicine or industry, or simply gaining new understandings about how God's amazing universe operates. Read on if you are interested in what students in Years 7 to 12 have been doing in their Science classes this week.

Year 7 have been investigating the different characteristics possessed by living things, allowing them to be classified into distinct categories. They have also been getting their hands dirty investigating ecosystems and the intricacies involved with food chains and food webs.

Year 8 has recently been investigating the different forms of energy and relating changes in energy to the Particle Theory of Matter. They have now started investigating cells as the basic units of living things and are learning about the functions of the many specialised structures that cells contain.

Year 9 has been learning how to use equations to describe commonly occurring chemical reactions. In doing this they have investigated reactions of acids with metals, bases and carbonates, then examined biologically important reactions such as photosynthesis. Mr Salaun's Year 9 class has also started to investigate the wonderful world of microbes. This has had them preparing microbial colonies on agar plates to be observed under the microscopes later in the week.



Mrs Marden's Year 10 Biology class has been busy investigating reproduction and the transmission of heritable characteristics from one generation to the next. They have also been learning how developments in technology have advanced biological understanding, eg. biotechnology and discussions regarding the impacts on society of its use.

Mrs Gordon's Year 10 Physics class has been learning about energy conservation, transfers and transformations then applying models, theories and laws to explain everyday situations involving energy, force and motion.

Mr Donnelly's Year 10 Chemistry class has been investigating the importance of chemical reactions in the production of a range of substances and the influence of society on the development of new materials.

Year 11 Senior Science students have been investigating ways in which the human body can have demands placed on it which can result in injury. They have learnt about how potential risks to the respiratory system, eyes, ears, brain, muscles, joints and bones can be minimised by implementing protective measures and by using safe working practices.



Year 11 Chemistry has been learning about catalysts in speeding up the rate of chemical reactions as well as how to calculate quantities of energy absorbed or released during various chemical reactions.

Year 12 Biology students have been investigating the extensive range of communication strategies which humans and animals use to communicate. They have also investigated the inner workings of the eye, ear and nervous system of a wide range of organisms.



Year 12 Chemistry students have been learning about the history, applications and uses of chemistry as well as current issues, research and developments in chemistry. This has involved them investigating the industrial production of sodium hydroxide, ammonia and sulfuric acid.

Year 12 Physics students have been completing the unit of work titled "Quanta to Quarks" which has had them working hard to increase their understanding of human attempts to explain the behaviour of matter on the atomic level.

So, as you can see our Science classrooms are a busy and happening place!



IMPORTANT NOTICE – Sport Sign up Days

Sport Options for Term 4, 2016

Next week on **Monday, 22 August** Middle School sport selections will take place. The following day on **Tuesday, 23 August, 2016**, all students in Years 9 to 11 will have the opportunity to sign up for the Term 4 Sport Program. Please note, if Middle School students wish to select a paid sport option they must have their parental consent note signed and with them to make their selection.

Please review the lists below and discuss the options with your parents/children. A student's selection on the day is final. Invoices and permission notes will be sent home during the weeks following Sign Up day. These will need to be signed and returned with full payment by **Friday, 16 September (Week 9)** to ensure your child's place in their chosen sport. Please note, any notes or payments received after this date will not be accepted. Instead, students will be placed into a free school sport option.

MIDDLE SCHOOL SPORT OPTIONS

	Cost
Boys Mixed Sports – Mixed games outside on the school grounds	\$0
Girls Mixed Sports – Mixed games outside on the school grounds	\$0
Pool Mayhem – Mixed games in the school pool	\$0
Auditorium Madness – Mixed games in the Auditorium	\$0
Table Tennis / Handball – Table Tennis and Handball on the school grounds	\$0
6-A-Side Soccer - Small numbers soccer, large amounts of fun (outside)	\$0
MS Outreach Team – Music/ Drama/ Dance in preparation for Middle School Outreach at the end of Term 4	\$0
Extreme – Giant Swing, Mega Drop, Commando Course, Zorb, Canoeing, Mountain Biking, etc.	\$35
Beach Games – Games and fun on Sawtell Beach (swimming option available)	\$50
Horse riding - Equestrian and horsemanship skills	\$80
SUP & Kayak Tours – Stand Up Paddle boarding & Kayaking with C Change Adventures, conquering Coffs' creeks!	\$100

SENIOR SCHOOL OPTION

	Cost
Boys School Multisport – variety of team sports, school based	\$0
Girls School Multisport – variety of team sports, school based	\$0
Cricket – training for competition in Term 4	\$0
Futsal - fast paced games for soccer heads in the AUDITORIUM	\$0
Dance Workshop – choreography, dance moves, students choose style, using CCS dance studio	\$0
Table Tennis/Handball – In the schools table tennis shed.	\$0
Fishing – raiding the rivers and beaches of Bonville and Sawtell	\$30
Girls Box Fit – have fun, get active in a girls only class. Run by a professional trainer	\$40
Extreme – high ropes, Zorb ball, kayaking, archery, mountain biking	\$40
Beach Games – beach games, walking and a swimming option.	\$50
Equestrian Skills - equestrian and horsemanship	\$80
SUP & Kayak Tours – Stand Up Paddle boarding & Kayaking with C Change Adventures.	\$100
Big Banana Madness – Big Banana Ice Skating, Laser Tag, Water Park, Mini Golf	\$120



Please note, places in each sport are limited and your child may not receive their first preference.

Silver Award

To qualify for a Silver Award, the student must have accumulated 10 Merit Certificates and completed 10 hours of school service. Their teachers must also have recommended them as students who display an excellent attitude and make an outstanding effort.

Dorothy Pelt

Dorothy is such an outstanding young person. It is fantastic to see her involved in so many activities around the school, making the most of her time here. She is well known to many staff members for her beautiful manners, positive attitude and the outstanding effort she places into her work. She is so focused in class and is a positive influence on her fellow classmates. Congratulations, Dorothy on achieving your Silver Award!



Bronze Awards

Pierre Vie Uwimana (6W)

Pierre Vie is a polite, helpful and kind young lady who is usually incredibly quiet... but, she has an unexpected dramatic side to her character which is a delight to see. She is conscientious, diligent and organised. Her bookwork is neat and she tries her best in everything. Well done, Pierre Vie!



Tha Bawi Tin Thei (6W)

Tha Bawi is a kind-hearted, polite and honest student who is quiet, reliable and mature. When there is a task to be done, he just does it without making a fuss. He is diligent and helpful as well as displaying good



sportsmanship. Tha Bawi is a valued member of our class and thoroughly deserving of this award. Well done!

Tournament of Minds will be held Sunday, 28 August in Port Macquarie. We would love to hear from anyone willing to help out as a judge, time keeper or room supervisor.



Please contact either Mrs West samantha.west@coffsccs.nsw.edu.au or Mrs Searle deb.searle@coffsccs.nsw.edu.au

Middle school Music Night

It's getting closer! Middle School Music Night will be held Tuesday, 13 September.

This will be a night of song, dance and musical excellence. We look forward to seeing you there!



Time to shine in rhyme!

Middle School Poetry recital competition will be held in Week 8. All interested students are encouraged to be practising their poems, working on expression and pace. There are great prizes on offer.

As a follow-up, we will be attending a special presentation by the "Poetry in Action" team who will be performing "The Poet's Quest" later in the week.

NAPLAN 2016 student reports

2016 NAPLAN student reports have been delivered to our school.

All students received two reports today, the mandatory national *Student Report* and the *Additional Student*

Report which is provided by BOSTES. They are in a sealed envelope.

The *Student report* – information for parents brochure can be downloaded from the [ACARA NAPLAN](http://ACARA_NAPLAN) website, which also contains information about reporting of NAPLAN results on the BOSTES website.

Marine Studies Rocky Shores Study

On Wednesday 10 August, Years 9 and 10 Marine Studies students travelled to Sawtell to undertake a field study to learn a bit more about the ecosystems along our shorelines. This time we visited the rocky shoreline where students set up a transect line to identify the inter-tidal zones. They used quadrats to identify and count the variety of organisms living in rock pools in each of the zones. They also measured some of the abiotic factors such as salinity, pH and temperature. From that data students could then demonstrate the connection between an organism's adaptations to its environment.

We were blessed again to have blue skies and the students made the most of the morning exploring the rock pools while getting through the planned activity. Thanks to all you Marine students. You are a credit to your parents and our school. Well done!

*Mr Graham
Marine Studies Teacher*

