



## Deputy Principal's Message

### SCHOOL OPINION SURVEY

**Senior Education and Training Plans (SET P) A reminder that all Parents and students need to book an interview time for Tuesday 15th August.**

# Bookings need to be made on <http://sobs.com.au/pt/parent.php?schoolid=649>

The Senior Education and Training Plan is designed to map individual learning pathways through the Senior Phase of Learning. It is mandated that all students complete a plan. Students have been preparing for this plan in their Career classes. Each Student completes the plan in consultation with their Connections class teacher and / or a Head of Department / Guidance Officer. It will assist young people make good choices regarding subject choices in Yr. 11 /12.

Access details for the Parent/Caregiver Survey were sent home in the mail last week for our annual School Opinion Surveys. If not already completed, the online surveys will remain open until 25 August 2017. This is your opportunity to have a say about what this school does well and how this school can improve.

Parents/caregivers are welcome to complete their survey online at the school, If you would like access to a computer to complete your survey, please contact Ms Helen Leyden on the number below.

If you haven't received any survey access details yet, please contact Ms Helen Leyden on telephone 07 54404222 or email [hleyd1@eq.edu.au](mailto:hleyd1@eq.edu.au) .

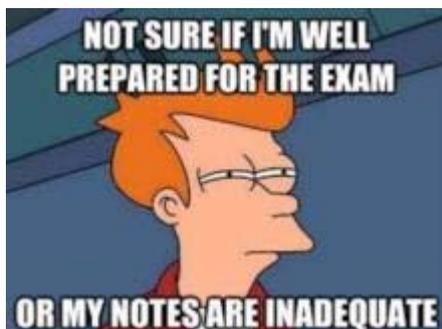
## Coding in Python

**Coding Club** Want to learn python coding? The school has been given an opportunity to offer students a course in coding from Grok Learning for free. This is usually a subscription based course with Grok, however as part of a recent digital technologies showcase on of the Sunshine Coast, this is now provided at no charge. Students wishing to learn python code need to come along to the coding club meeting during the lunch breaks on Monday at the Resource Centre or see Mr Ranclaud at Waimea staffroom. Students will need to get a signed consent letter (see attached) returned to Mr Ranclaud before they can start the course.

## What's happening in Sport?

**See attached SPORT newsletter (including District T & F Program and Sports Awards Nomination Form)**

## What's happening in English?



Year 10 English students are now working to polish their analysis of the two texts of Romeo & Juliet (Baz Luhrmann's film and the original text by Shakespeare). Students have provided their teacher with a draft PEE+EEL paragraph and have received feedback in ways to improve their work. It is now up to them to really be enhancing their work in preparation for their in-class exams next week (week 7). Students are only allowed to bring in 80 words, so they are encouraged to refine and edit their work as much as possible, so their ideas are cemented in their heads for the exam. The time is now to be working as hard as possible to be as prepared for this exam as possible.

## What's happening in Mathematics?

Students are currently completing their Earning and Learning assignment that is due in week 7, the 21 August. Our new topic in class is Surface Area of 3D objects.

### Maths C



Who knew assessment could be so much fun? Last week students enjoyed competing in a simulated treasure hunt in order to demonstrate their understanding of matrices thus far. Engagement was high as students scoured the school grounds looking to progress to the next level of their journey into Maths C. This week we will be exploring vectors, which looks at engineering concepts such as forces and tensions. This new topic will be investigating applications in the marine and civil engineering contexts, specifically looking at cable tension, bridge construction and coastal navigation.

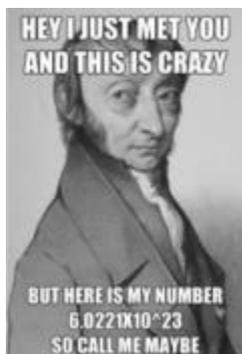
## What's happening in Science?



### Biology

Last week, student revised for their exam on bones and muscles. This week, we move into a new unit on evolution. Students will understand that there are various theories that relate to different ideas about evolution. Furthermore, students will collate data about some of the theories of Evolution.

## What's happening in Chemistry?



Students are studying different types of reactions including single replacement, combination, decomposition, double displacement and combustion. They will use this knowledge to write correctly balanced word and chemical equations.

A metal –acid reaction will be used to produce hydrogen gas which will be collected in a balloon and then ignited displaying a spectacular example of a combustion reaction.

This will lead into defining chemical amounts in terms of the mole and performing calculations using molar mass, mass and moles.

## What's happening in Marine Science?

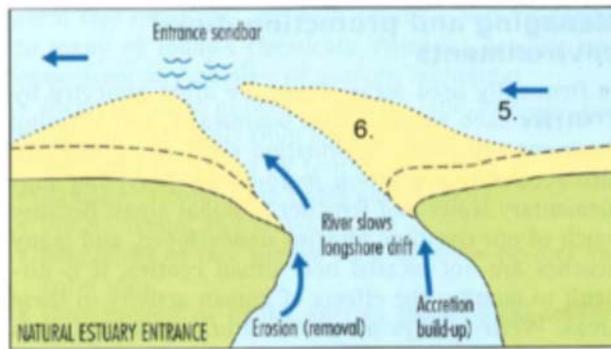
Students have now completed their first unit of work on “aquariums and marine biology”. We now move onto unit two “model boats”. Students will investigate and design different model boats. They will use a variety of different hull designs to test the speed, stability and carrying capacity.

## What's happening in Geology?

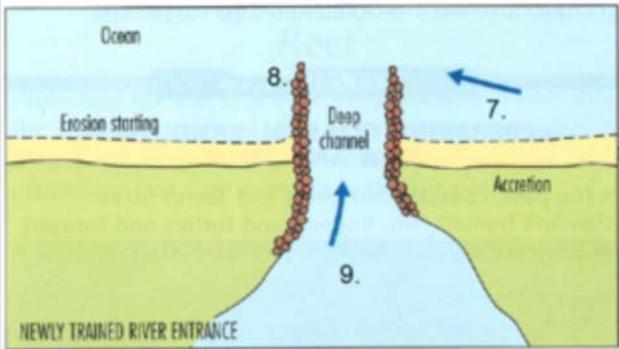
This week in Year 10 Prep Geography students will undertake their first assessment piece for the unit, Creeping Coasts, an in-class exam. Students will be assessed on their knowledge of coastal processes and features, and the issues that arise from human use of this environment, and the various effective planning and management strategies that can be employed for their sustainable use.

For the remainder of the term the focus will be on the planning and management of coasts, specifically Noosa, with students doing preparatory work for their final assessment piece on a Field Trip to Noosa Heads, for research and the collection of data. Students have learnt about coastal processes such as longshore drift, erosion and accretion, and the interventionist measures, including man-made structures, which seek to control or modify these natural processes.

## Natural process



## After the building of seawalls



## What's happening in Legal Studies?

This week in Legal Studies students will be continuing their study of criminal law. The focus for this week is criminal offences and defences with a focus on the offence of assault. Students will see just how an assault can be more than just a physical act or action against another but in some circumstances it can even amount to words and gestures.

## What's happening in History?

This week in Preparatory History, our budding historians have been working on comparing their Ancient Leaders and assessing them against the criteria they have set in order to make an informed judgement about the quality of their leadership. After workshopping many concepts and ideas as a team, students set the following criteria to assist them in making decisions based on reliable historical evidence: The longevity of their rule and plan for the future of the people, Their concern and interest for the well-being of subjects, Their success in battle (to protect or extend their territory), Diplomacy and political skills (their ability to influence others without resorting to armed conflict) and The ability to govern effectively. Considering some of our historians have selected ancient leaders like Attila the Hun, Boudicca, Genghis Khan and Vercingetorix, some additional inquiry and analysis of primary and secondary sources has been required in order to find evidence for each criteria.



"I took friends for the freedom of all" - Vercingetorix 52-46BC

## What's happening in Physical Education?

Students will have the opportunity to participate in Training Sessions - swimming / cycling or running to experience at

first hand some of the FITSORIO Training Principles – Frequency, Intensity, Time, Specific, Overload, Reversibility, Individual, Overtraining. Parents are reminded to ensure they complete student's permission forms in order to allow students to attend sessions at the pool or ride the bikes off campus.

## What's happening in Health?

Students continue to use their knowledge of the Ottawa Charter to investigate and solve health issues about Depression within the School environment. They have begun their assessment task which investigates the level of support within the school in order to make recommendations to the principal. Class time is being used to work on the task, and any homework can be spent revising the Ottawa Charter and ensuring they have gathered credible research to support their ideas presented.

## What's happening in Recreation Studies?

Students are continuing to be introduced to new games and therefore increasing their range of physical skills. You may find some students digging out their frisbees to practise the backhand, forehand and underhand throws. Join them in the backyard or on the beach and get them to show you these different throws. Frisbee golf next week will challenge the students' accuracy when throwing the frisbee. Theory lessons continue to work towards our Functional Anatomy test on Thursday of week 7.



## What's happening in Fitness?

This week in theory we look at the cardiovascular system. In particular; the heart, veins, arteries and the movement of blood around the body. This leads nicely into our first practical lesson, training for our duathlon (run/ride). Students will track their run and bike legs from SBSHS to Girraween also constantly checking their heart rate (beats per minute) along the way.

## What's happening in Early Childhood Practices?

Congratulations to all year 10 Early childhood students who visited the Childcare centre last week. Your behaviour and attitude were flawless. I was very proud to have you all as my students. The students came back with a new understanding of early Childhood development and maybe a few career changing moments!!!





## What's happening in Early Home Economics?

Wow what a class of motivated and responsible students. Last week the students concentrated on designing a healthy dessert option using fruit in a fruit crumble. While learning the process of stewing the students were given the opportunity to include any fruit and extra fibre into the crumble mix. This week the design brief is for students to adapt an egg recipe in either a mini frittata or an omelette. I am looking forward to seeing the end results.

## What's happening in Hospitality/Tourism?

This week students cooked a sensational Beef Stroganoff. Students have continued to concentrate on culinary and time management skills for making a complete meal. Knife skills were again under scrutiny making sure we use spider grip and dicing our onions, bruising and chopping our garlic, slicing mushrooms and learning how to cut the fat off the meat this week. I am again, thoroughly impressed with the skills that are being demonstrated in the cookery classes. We have finished with heat transfer methods and cookery techniques and will now concentrate on 'Front of house' knowledge and skills.

## What's happening in Textiles?

If anyone has fashion magazines or old denim jeans we are desperately in need of them.....please donate to the fashion /Home Ec department. The year 10s are about to embark in designing recycled denim jean bags for their major practical project. Thank you [tfitz23@eq.edu.au](mailto:tfitz23@eq.edu.au)

## What's happening in FTV?

This week year ten students are collaborating and negotiating their next video production. The Unit 2 students will choose their team members and project to complete during the second half of this term. Unit 1 students will begin focus on special effects and explore the possibilities and potential of After Effects and Cinema 4D to incorporate create 3d elements in motion graphics.

## What's happening in Art/Photography?

Students are incredibly busy working so hard, here is some of their work so far.





## What's happening in ITD?

Year 10 Industrial Technology and Design students continue to impress with their constant willingness to deepen their understanding of new knowledge and techniques. Teacher demonstrations form a major component of exposing all ITD students to new learning. When students are 100% in the moment and interacting with their teacher and each other during these demonstrations then they are maximising the potential to learn and consolidate new knowledge. Teachers take great care to ensure these practical demonstrations are interesting, fun and inclusive of all students. This is a skill that all SBSHS ITD teachers take great pride in.





## What's happening in Technology Studies?

The students have been involved in the complex task of designing a moon buggy or a new invention, using the computer program Inventor. They all began with a standard example and have made decisions, problem solved and experimented with the base design to develop their own designs. Students are finalising their designs and folio.

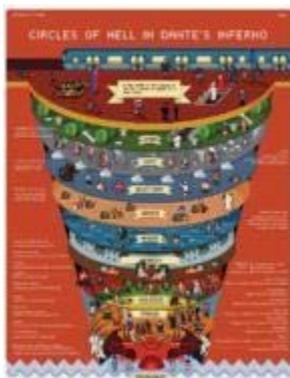
## What's happening in ICT?

Students are continuing on with learning on our online platform – Grok Learning. There is a lot of problem solving and critical thinking involved in solving the problems posed in the course. In particular students will, this week, concentrate on coding loops in python. Loops are an essential skill in coding as it cuts down the need to develop repeated code and can be efficient as well as saving time.

## What's happening in Graphics?

Students have completed their concept drawings for designing their CO2 dragster. They should all have their pattern, along with specifications to begin building their CO2 dragster next week. Students will begin converting their designs into a 3D model.

## What's happening in Italian?



It's great to see all Year 10 students very committed (and almost enthusiastic!) on their assignment, where they need to create... their own Inferno! In class we went through some deep discussions about the set of values and beliefs in our modern society.

We distinguished ethics from morality, thus reflecting on how they see the world around and discern what is good from what is wrong.

Therefore, based on Dante's vision in his Divine Comedy, students are to create and describe in Italian their own modern circles where they put whoever sinners and invent whichever pains they should suffer... It's going to be truly intriguing!!!

## What's happening in Surfing Excellence?

Super small wintery conditions again this week, therefore it was a Fitness First session. The surfers were put through an intense warm up of surf specific movements. The Fitness session finished with a game of 3 lines, where surfers must complete fitness task between each wave and progress up the beach. Well done to Ethan Trotman 1st, Kody Haddow 2nd and Kai Wood 3rd. A tough session to remain positive and I was proud to see all giving 100%.



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We send out this message to all parents of current year 10 students.

If you no longer wish to receive these emails, simply click on the following link: [Unsubscribe](#), and indicate that you no longer wish to receive the newsletter.

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