



Deputy Principal's Message



Dear Parents and Friends

The Sunshine Beach State High School P&C is holding a Christmas raffle to support the schools facilities and resources.

Some of the projects we are building funds toward are the:

- extension of the music facility and resourcing (2-4 additional classrooms and resources);
- completion of roofing over the outside basketball courts (the school is seeking a partial grant);
- Creation of flexible learning spaces with moveable walls;
- Library re-development to enable creative learning spaces;
- The resurfacing of student centre floor.

If you or your business/association are able to donate an item, gift voucher etc, please deliver or send to the school clearly nominating that it is for the P&C Christmas raffle. Regards P&C President

What's happening in Sport?

[See attached SPORT newsletter](#)



Worried? Sad? Hurt? Upset? Tips that could help...

Children and young people have access to lots of social media, TV, movies and games. While the wonderful array of content available offers many positive learning opportunities, there is some content that may have potentially harmful

effects on young people.

Keeping an eye on what media children and young people are accessing, and any changes in their behaviour, is a good way to help avoid any long-term worries down the track.

Kids Helpline (KHL) has put together Tip Sheets that suggest ways to help manage worry and concerns some may experience due to exposure to some media content. The three sheets are audience specific for:

- children
- teenagers and young adults, and
- teachers and parents.

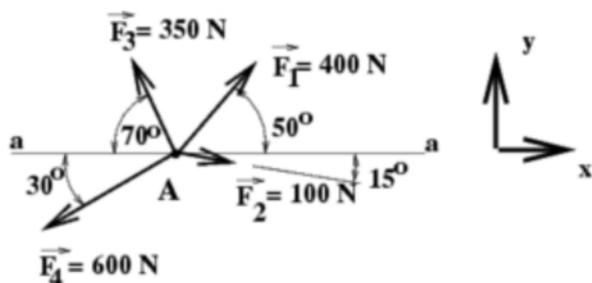
They include tips about managing individual worries and about how to help others. We encourage you to distribute these to children, young people, teachers and parents who might find these helpful.

KHL is Australia's only free, private and confidential 24/7 phone and online counselling service for young people aged 5 to 25.

Talking with KHL can help. We're here 24/7. Any time. Any reason. Free call 1800 55 1800 or www.kidshelpline.com.au

What's happening in Mathematics?

Maths C



This week in Math C students will be investigating complex vector problems and applications.

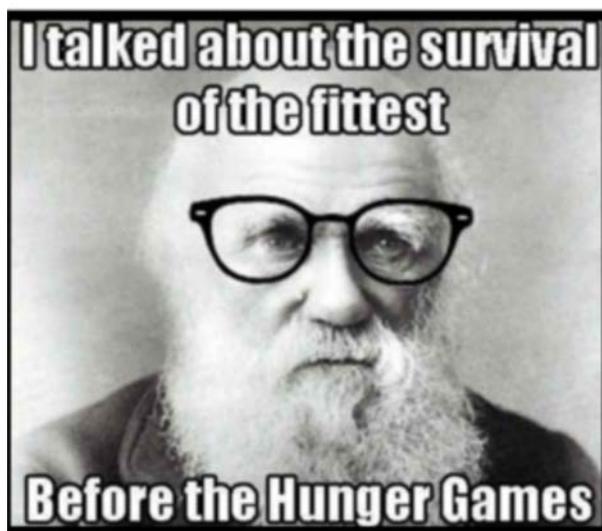
Students will be required to select the appropriate vector notation and solving strategy in order to solve unknown vector components and resultant vectors.

What's happening in Biology?

Students have been researching one aspect of evolutionary theory. This week student will be presenting their research in an oral presentation.

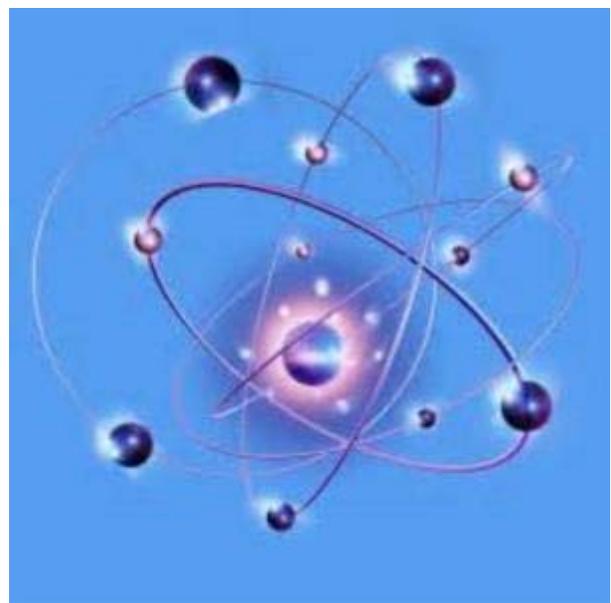
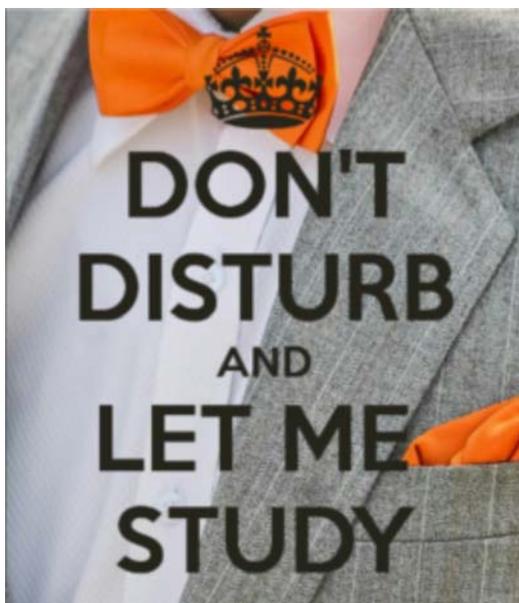
The topics include:

- Survival of the Fittest
- How humans have evolved
- Galapagos Islands and its unique animals
- Fossilisation
- Charles Darwin's Theory of Evolution
- Continental Drift and Evolution of species.
- Artificial Selection
- Natural Selection
- Environmental Factors that control variations in organisms
- Genetic Factors that control variations in organisms



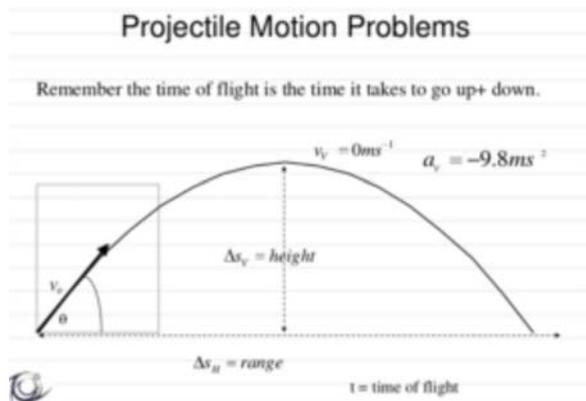
What's happening in Chemistry?

Students are preparing for their exam, Friday week 9. Ensure that revision sheets are being completed for homework! Topics include: atomic structure, electron configurations, ionic bonding, writing chemical formulae, identifying and balancing chemical reactions, calculations involving the mole, molar mass, and limiting reactant.

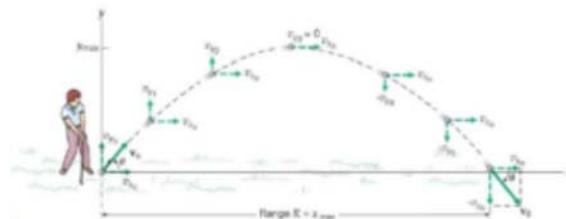


What's happening in Physics?

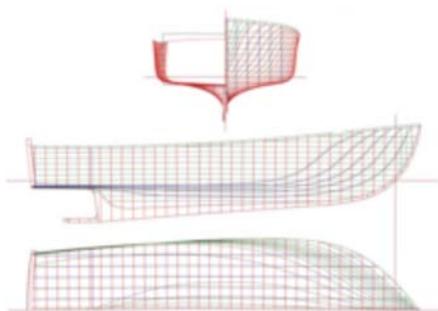
Physics students are investigating Projectile Motion Problems that will lead into model rocket construction.



PROJECTILE MOTION AT AN ANGLE
The more general case of projectile motion occurs when the projectile is fired at an angle.

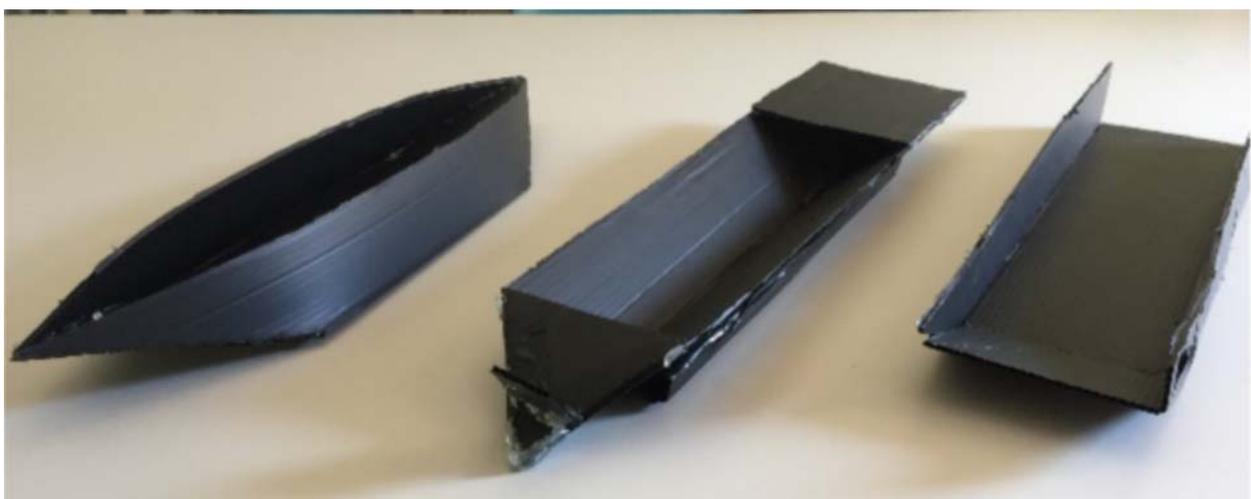


What's happening in Marine Science?



This week in year 10 Marine Science, students have constructed their model boats and are testing them against other designs in the class for carrying capacity, speed and stability.

Once tested and modified students will write up their own extended marine investigation (EMI) due Thursday 7th September week 9.





Flat-bottom Boats



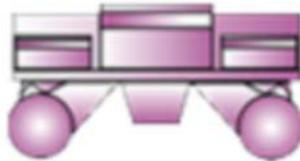
Displacement Hulls



Round-bottom U-hulls



"Tri" and Tunnel Hulls



Pontoon Boats

What's happening in Geography?

This week in Prep Geography students will work on their Research Report. The class will collate, discuss and analyse the data and information recorded on their field trip to use in their reports. On the field trip students investigated the current condition of the natural and the built environment around Hastings Street as part of their research for their assessment task in which they will consider the merits of two development proposals for Hastings Street.

Students will need to address three key criteria in considering the suitability of their proposal, which they will research within the context of the currently evolving New Noosa Plan (2019) and will need to incorporate primary and secondary sources, as well as a range of visual aids to enhance their final document. Students will have plentiful class time to work on their reports, but they will also have to use their own time.

What's happening in Legal Studies?

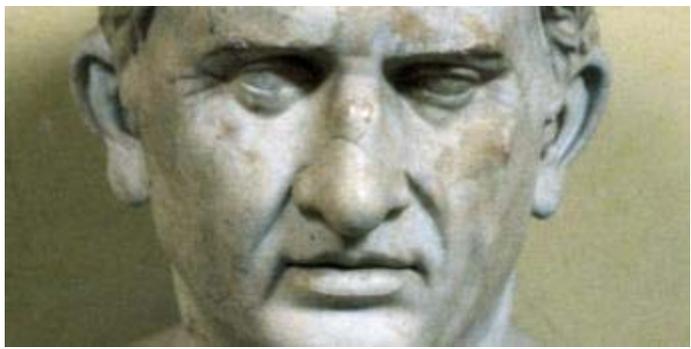


This week students will start work on their research assignment. As part of their studies in this subject students will be provided with some key strategies used in legal research.

It is expected that students bring their laptops to class each lesson to maximise their time. This task will take them through to early next term when drafts and the final copy is due.

What's happening in History?

The time has come, our historians are finishing up their arguments and polishing up the final copy of their research assignment. After weeks of searching for, analysing and evaluating historical sources, it has come down to these 800 words. In the weeks ahead we will be discussing the findings of their research and evaluating the past nine weeks of study to help inform and improve this part of the year 10 history course.



'No one can speak well, unless he thoroughly understands his subject' - **Marcus Tullius Cicero** (106 BC - 43 BC)

What's happening in Health?

Students continue to be explicitly taught about key areas to improve their own writing as they learn about the topic of mental health and how to present their own ideas more effectively. This process is teaching students to raise the bar in terms of their own drafting skills for future assessment tasks. We are nearly finished the drafting process and students will be able to identify how they have successfully improve their own standard of work.

What's happening in PEP?

Students have been participating in practical sessions in swimming, running and cycling and then writing these sessions up as a part of their 'Training Program'. Students are in the process of using their fitness test results and their training experiences to justify the training methods they have chosen in their program. Students have been learning the specific skills of swimming, cycling and running for triathlon, and learning how to modify their pace to suit their current level of fitness and make small improvements over time. Mr Jamieson and Ms Beckinsale have been extremely impressed with the work ethic and behaviour of the Yr 10 group.



What's happening in Fitness?

This week in year 10 Fitness, students are once again training for their duathlon running / riding to Girraween and around the circuit. In theory, students look at the six synovial joints and the location of each in the body. The hinge joint – elbow, Pivot joint – head and neck, Saddle joint – thumb, Condyloid joint - wrist, Ball and socket – Shoulder/hip, Gliding joint – between the vertebrae. The Fitness exam “functional anatomy and physiology” will be held on Wednesday week 9.

What's happening in Early Childhood Practices?

Is your child completing homework? They have individual research to complete on their chosen toy designs and

child developmental stages relating to the age appropriateness of their toy. All toys are due Week 9 Friday. All students are expected to take their toys up to the childcare centre so they can be tried and tested on Tuesday week 10.

What's happening in Textiles and Design?

Please help your child access an OP shop to buy some denim jeans for a bag. They are designing and making patterns at the moment for their next practical task. Thank you for your support.

What's happening in FTV?

Group one students have completed their basic training in the After Effects software and are now ready to begin creating at least one special effect. They will choose from a list of 65 special effects to create their own version for assessment. Group two student will be editing their video productions – at this point all shooting should be complete and a rough cut should be ready for viewing by Friday.

What's happening in Dance?

Year 10 Dance students have almost finalised their class dance which will be ready for Dance Night. Keep the date free – Thursday 26th October. Its going to be a wonderful night of entertainment. The class will be working on their written response next week and is a reflection of their journey so far in dance. Keep up the great work girls.

What's happening in Photography?

Art/ Photography students have been hands on with cameras this past week. We've walked every inch of the school in search of the best photographs that represents the elements of design Line, Texture and Colour. Students are shooting images that may end up being submissions for the 2017 Arts Extravaganza in Term 4.



What's happening in Italian?

The Italian [Listening Comprehension Test](#) will entail some listening practice in week 9. Along with that, students are working hard on their exciting and engaging [Inferno assignment](#), which includes a lot of reflection, creativity and concentration on the Italian linguistic structures. **The assignment is due Friday 8 September.**

A gentle reminder:

For those who could not make it to the first Information Evening on the Italian Exchange with Bologna, we are offering a second evening on Tuesday, September 5th, at 6pm in the PA Block. See you there. Ciao!



What's happening in ITD?

Year 10 Industrial Technology and Design students are highly motivated students with high expectations of themselves and their peers. This works well for ITD teachers who have high expectations of their students. In amongst these students with high self expectations it is a fairly simple task to identify any students with low expectations. Teachers are willing and able to have direct, honest conversations with these teachers to establish the reasons behind this low motivation, low expectation levels.

Teachers can provide enough motivation and reason to strive for higher levels of personal success in these cases. ITD students are in most cases, very motivated which tends to create a productive work environment.



What's happening in Engineering?

This week we are developing our INVENTOR files for the laser printer so the designs of the BBQ tools can be cut. Students are developing an understanding of developments and digital manufacturing methods. Foundation skills in CAD are required to allow students to communicate, evaluate and modify their designs. Students are also working on their hand surfers in the work shop. Complex shaping and laminating are essential skills in the design of this project. Soon students will be cutting out the plane shape and shaping the rails and top of the boards.

What's happening in Surfing Excellence?

Week 8 DrainPipes Another great week of waves and everything seems to be clicking. The class has again turned it up and demonstrated a high level of performance surfing. The goal was critical high and tight surfing and the crew went off. Well done to Kai Down, Bailey Ghent, Wylie Hill and Kai Zander for top performances.





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

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