Principal’s Column

Welcome back to the 2019 school year, and a particular welcome to all families new to the school community. This year is a highly significant one in the development of Seaton High School. There are several exciting changes and opportunities in the immediate and medium term which will have a substantial impact on the nature of the school. These include:

- Entrepreneurial Specialist School program
- Our $20 Million re-development
- Year 7s moving into Secondary School

I’m confident that we are well placed to ensure these changes will see the next phase of Seaton High School being full of exciting developments and opportunities.

2019 Staffing

We welcome
Danielle Murphy – English, Geography
Julius Zieleniecki – Digital Tech
Kass Papapetros – Home Economics Semester 1
Ben Paech – English/HASS
Harpreet Dhillian MS26
Harrison Auger – Music term 1
Kristen Scheffler

We welcome back:
Belinda Sulkowski
Hannah Thorburn

Continuing from 2018:
Chloe Austen
John Hooper
Michelle Woodmore
Skye Westwood
Ben Frick
Sa Dahn
Mitch Milne
Ben Lodge
Jock Lawson
Sonya Cavlov – Term 1
2018 SACE Results

SACE Completion Rate - 96.91% or 94/97 students

Merits and A+s - 6 merits (3 in Research Project; 1 in System and Control Products; 1 in Visual Art and 1 in Aboriginal Studies). There were 14 A+s overall. C or better grade results: At Stage 1 91.44% of all results were C or better. At Stage 2 97.62% of all results were C or better.

ATAR:
- 5 in the 90s with a top ATAR of 98.65;
- 10 in the 80s;
- 17 in the 70s;
- 11 in the 60s;
- 25 other results between 20 and 59.

This means that of students at Seaton High School who achieved an ATAR, 7% were in the top 10% of the State, 22% in the top 20%, 47% in the top 30% and 63% in the top 40%.

Entrepreneurial Specialist School

At our first staff meeting this year we discussed the school’s Entrepreneurial Education focus, what this involves and how many of our existing programs support this focus. Below is a summary of this discussion:

Characteristics of Entrepreneurial Education

- Focus on capabilities
- Student agency (students having a meaningful “say” in their education)
- Focus on creating change and value
- Authentic problems
- Providing a valid context for the content students are learning

Some examples of existing school programs/processes focused in these areas:

- UAV (Drone) project
- Science Technology Engineering Arts and Mathematics (STEAM) integrated learning
- English/Humanities and Social Science (HASS) /ART integration
- Business and Enterprise subjects
- Yong Zhao project
- Baseball (Diamond Sports)
- Flexible Learning Options (FLO) Program
- Special Programs
- Collaborative projects undertaken by all staff
- RAA collaboration
- SHIP IDEAS project
- Outdoor Education gardening project
- Primary School programs (Young Entrepreneurs Program)
- Year 10 Alternative program

As we continue to work in this area we will see many new and exciting initiatives to engage all students in learning that develops an entrepreneurial mindset.

Richard Abell, Principal

“To succeed in this ever-changing world, students need to be able to think like entrepreneurs: resourceful, flexible, creative and global.”

Professor Yong Zhao,
Foundation Distinguished Professor, University of Kansas
Seaton High School uses an SMS system to inform parents that their child is not at school.

**What to do if you get an SMS:**
If your child *is* absent, please reply to the SMS to explain why your child is away and put a note in their diary for their home group teacher, so that the absence database can be updated.

***Please note for security reasons, the SMS mobile number (which sends the absence SMS), changes every day. Please do not save this number to your phone book.***

If your child is *not* absent, please ring the school to let us know. This can occur if a student is late to school and misses home group and does not sign in. With your cooperation we can all help to ensure the students at Seaton High School are safe and at school.

**Mobile Phone Numbers**
If you have changed your mobile number, please ensure you contact the school so we can update your contact details.

**Student Sign in/out procedure**
Students who arrive late must sign in before going to class. Students who are leaving early must sign out prior to exiting the school grounds. A note signed by the parent/caregiver should be in the student’s diary.

If your child does become unwell during the day, the procedure is they ask the teacher to go to SSA with a diary note. SSA then determine if the student needs to rest a short time and return to class or if SSA needs to call a parent/guardian. Student mobiles are not to be used during class time to do this themselves. This ensures their accountability at school.

**Sign in/out locations**
- Year 8/9 students – Student Services (SSA), West Building
- Year 10-12 students – East Office

**Students with medication**
Please ensure that you provide the school with updated health care plans & that medication has not expired. This ensures your son/daughter is administered updated medication if required.

**Medical Certificates and Long Term absences**
Students who are absent for three days or more due to illness are required to provide a medical certificate.

For families intending to take holidays or other absences for greater than two weeks, a ‘Special Exemption’ is required. Please contact our Front Office for further information.

Please note, there are special requirements relating to students who are absent during SACE exams. Our Senior School staff will provide further information later in the year.

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**Notice of Annual General Meeting**

**Monday March 4, at 7pm**

*Conference Room Western Building Seaton High School*

Nominations are invited for parent vacancies on the 2019 School Council.

Please forward you nomination details to the Principal by 7pm on Monday 4 March.

Nominations forms are available from the Front Office
The Parent Portal

During 2019 Seaton High School will be opening access to parents to view our Daymap learning platform.

Daymap Connect Parent Portal will provide parents with access to key school and student information both at home and on the go. It allows parents to create and manage their own accounts for Daymap Connect, requiring only one login and password per parent.

You will be able to view information such as:

- Home – Recent Messages, Upcoming Events
- Messages – Parent messages;
- Subject Assessment Schedules
- Results for assessment tasks completed

In preparation for opening the Parent Portal please ensure the school has your current email address. If your email address has changed recently please advise via email to dl.0941.info@schools.sa.edu.au

We have sent further details for logging onto the Parent Portal via your email address.

Your child/children’s student code will also be required. This is a 6-digit number displayed on the front of your child’s Student ID card, also located on the invoice for school fees.

School Reporting Terms 1 & 3

A reminder to parents that they can view their child’s results for all assessment tasks real-time via their Daymap portal. This feature will replace the Term 1 & 3 progress reports we used in the past. The Daymap portal can be viewed from any device such as a smart phone, laptop or tablet.

Advance Notice – Parent/Teacher Interviews

Parent/Teacher interviews will be held on Wednesday 1st May from 2.00 – 7.00pm. All interviews will take place in the main administration building (west) next to Reception/Front Office.

Full details, including how to book will be provided via Daymap, Skoolbag and student notices soon.

5 Easy Steps to Staying Informed

1. Download SkoolBag

Search SkoolBag in the Apple App or Google Play Store, download the FREE app:

SkoolBag: School Communication

2. Create an Account

Follow the prompts to create your account in seconds.

3. Add your School

Type your school’s name and press enter. Tap the plus icon to add.

4. Allow Notifications

Ensure you allow SkoolBag to send you push notifications when prompted.

5. Subscribe to Groups

Select Year Groups / Sports Teams to appear in your feed.
In 2018 Seaton High School started its Engineer in Residence Program working with the director of UAV systems Engineering company, Firefly UAV, PY Wong:

Firefly is my UAV systems engineering company. Over my working career I have worked in many aspects of drone engineering including:

• Defence Electronic Warfare UAV payload integration and systems processing.
• Sensor integration and data processing for civilian scientific purposes including crop measurement and forestry habitat analysis.
• Creation of custom software to extend off-the-shelf drone capabilities and integrate data feeds into GIS systems.
• Building of custom drones.
• Training drone pilots.

P.Y. Wong- BE. IT&T Hons, MBA

In 2018 PY Wong collaborated with students from years 10, 11 and 12 over an 8-week period as part of the Seaton High School UAV Specialist Program.

Through a collaboration with Natural Resources Kangaroo Island (NRKI), students participated in a proof of concept trial using UAVs, RGB and multispectral imagery to develop a cost effective and safe method to identify, map, monitor and control Weeds of National Significance (WoNS), specifically African Boxthorn infestations on Kangaroo Island. The proof of concept trial aimed to contribute to the development of an industry standard for mapping and controlling African Boxthorn as well as provide students with experience in a real-world application of UAVs.

For their major product students worked with PY Wong and engaged in the engineering design cycle to design, prototype and produce a specialized herbicide deployment mechanism that can be attached to a UAV to apply metered doses of herbicide to Weeds of National Significance. (see next page for our Drone Camp Story)

Space School

In October, three Seaton High School students were selected to participate in a three day residential conference for South Australian Year 10 students at the Centre for Australian Space Education (CASE). During Space School students were accommodated at the Warradale Urban Camp School. Over the three days students engaged in a range of activities including:

• Taking part in science investigations including building and launching model rockets at Hamilton Secondary College Space School
• Tours of the Adelaide University Physics Laboratories
• Visiting the Defence Science & Technology Group (formerly DSTO) & RAAF Base at Edinburgh
• Hearing inspiring talks about careers in space science, physics, engineering and life sciences
• Visit to the Planetarium at the University of SA.

On this three-day camp experience, students were able to meet and befriend other students interested in space, engineering and science. Each day they learnt something new from astronauts, engineers, lecturers, professors, teachers and students.

They also travelled to one of the specialist schools, Hamilton Secondary College, which has a ‘Mission to Mars’ simulator. Students were able to build and fly their own rockets and check out their program, with a room simulating the geographical features of a crater on Mars.
During week 10 of Term 3, 16 members of the Seaton UAV Specialist Program travelled to Kangaroo Island to conduct field research for the UAV Specialist Program. Through a collaboration with Natural Resources Kangaroo Island (NRKI), students participated in a proof of concept trial using UAVs, RGB and multispectral imagery to develop a cost effective and safe method to identify, map, monitor and control Weeds of National Significance (WoNS), specifically African Boxthorn infestations on Kangaroo Island.

Students also worked closely with Kangaroo Island’s biosecurity officer and engaged in traditional methods of African Boxthorn removal to gain a deeper understanding of the impact of this introduced species.

The proof of concept trial aimed to contribute to the development of an industry standard for mapping and controlling African Boxthorn as well as provide students with experience in a real-world application of UAVs.

Glenburnie Street is a shared zone.

As we do not have a designated pedestrian crossing on Glenburnie St, parents are reminded that during drop off and pick up times, the road is a shared zone. This means motorists looking out for our (and your) students who may be trying to cross the road.

Students will often use the speed humps which are marked like a crossing, to cross the road. Please look out for them and slow down. It is a busy road at these times and we all need to look out for each other. We also emphasise this with students and ask them to be aware of the traffic.

Thank you in advance.
The Year 9 Gifted Art Class spent 2 lessons completing a large mural, an approximately 1.5mx2m charcoal portrait of famous surrealist artist Salvador Dali, one of a number of artists the students will be learning about this year.

The mural is comprised of 23 individual A3 pieces of paper and is on display in the Senior school.

A fantastic example of collaborative art.

Students recently spent a double lesson applying different techniques learnt in class.

The background is from a drawing where students only blocked in the negative space to create a silhouette. The wire forms are based on continuous line drawings the students did in their first few lessons. Students just manipulated the wire using their hands and plyers and attached their sculptures to boards.

The portraits are on display in room 57.
Homestay 2019
(2 weeks)

Since 2009, Seaton High School has been part of a program where Year 9 students from Koishikawa Secondary School (Tokyo, Japan) spend 2 weeks in Australia and attend school. During this time the students improve their English skills and learn a little about what life is like for Australian students.

Every year it’s great to welcome students for their two week visit, but it can only happen because of the generosity of spirit from our wider school community. It all starts with the opening up of your homes and endless goodwill that provides such a wonderful experience for the twenty ‘bright-eyed’ if somewhat shy kids from Koishikawa, who transform in so many ways through their short time here.

The program is highly successful and beneficial for both Koishikawa and Seaton High schools, but can only remain successful with the on-going support from YOU, the parents and families in the Seaton High School community.

We are always looking for families to billet the approximately twenty students for the twelve days (but only one per family!). A full police screening is required (which we pay for), and there is also financial remuneration to help support the costs.

For more information, please contact us via ph 8445 2944 or dl.0941.info@schools.sa.edu.au

Expression of interest – Homestay 2019

Our family is interested in hosting a Homestay Student in 2019

Name:__________________________________________________________

Student Name:__________________________________________________

Contact Number:______________________________________________

Please return to Front Office: Attention Kate Sivewright