



### Message From The Principal

#### Welcome Back to Term Four

Welcome back to our final term of this year. This is a term that is, for our senior students, certainly a sprint rather than a marathon.

#### Year 13 Students

Our Year 13 students have only ten school days in this term. On Monday 31 October we will farewell these students with their Graduation Ceremony in the Ashburton Event Centre, starting at 7:30pm.

As a year group these students have suffered the biggest impact of COVID implications, with their entire three years of NCEA assessment being disrupted by COVID. They have also had two years without the ability to partake in major sporting or cultural events.

The last three years of secondary schooling are often where memories are made, and life-long friendships forged. This year group has certainly faced three years of constant disruptions and challenges.

All those who walk across the stage on Monday night have overcome some significant hurdles and learnt the importance of being flexible, working digitally and as part of a team.

#### Year 11 and 12 Prize-Giving

Our combined Year 11 and 12 Prize-giving is being held on Thursday 03 November, again at the Ashburton Event Centre, and starting at 7:00pm.

Last year we raised the threshold for student recognition at these year levels. Therefore, if your child is receiving an award you can feel proud to see them acknowledged.

#### Study Nights – Achieving Required Credits

Study and revision programmes are available in the College Library in the evenings, as students prepare for external exams.

There will also be a number of students who don't have exams but are still finishing internal assessments as they attempt to gain the threshold needed to achieve Level 1 or 2.

For students who finish the year a few credits short of the required achievement number, I really encourage them to come back to school the following year to complete that qualification. We are happy to have students return for a few weeks or a term to complete the necessary credits.

#### Career Support

We also, at College, have extensive support and information regarding various career options. If you are back in College then we can support you, but sitting at home you may not have access to the same level of support.

#### New Build

Our new build is well and truly underway with impressive progress on the groundworks. Just at the moment it's a great opportunity for the community and young children to watch "bigger, bigger diggers" in action.

If you are attending the Ashburton A and P show, then please call into the AshColl tent and we will have some images of the completed buildings and campus.

#### National Shakeout Day

Today, as part of our emergency preparation, the whole school took part in the National Shakeout day which involves us in an earthquake drill. I can assure you that the space under the Principal's desk seems to have decreased as I have aged.



Ross Preece  
Principal • Tumuaki

### NetSafe – Whānau Free Webinar



Netsafe is New Zealand's independent, non-profit online safety organisation, which provides online safety support, expertise and education to people in New Zealand.

Netsafe have an unrelenting focus on online safety, with the organisation working to keep people of all ages safe online by providing free support.

Ashburton College is offering a Netsafe Webinar to Parents/Caregivers and Students.

**Tuesday 08 November, 7:00pm - 8:00pm,  
or a little longer depending on questions asked.**

This is a free webinar for parents and whānau about keeping young people safe online.

Netsafe's Education Advisor, Paula Wistrand, will be talking digital technology and the practical ways we can all help young people to be safe online.

The session will look at how parents/whānau can support and enable children and young people to navigate online opportunities, challenges and complexities.

This can be undertaken from your home, and provides an opportunity to learn more about staying safe online, for all users; and how to manage online use and behaviours.

**A link to join this Webinar will be emailed to College families by/on Thursday 03 November.**

### Information



### Ashburton College Board of Trustees Casual Vacancy for an Elected Trustee

A Casual Vacancy has occurred on the Board of Trustees for an Elected Parent Representative.

The Board has resolved, under Section 105 of the Education Act 1989, to fill the Vacancy by Selection.

If ten percent or more of eligible voters on the College Roll ask the Board, within 28 days of this notice being published, to hold a By-Election to fill the vacancy, then a By-Election will be held.

**Any eligible voter who wishes to ask the Board to hold a By-Election should advise this, in writing to:**

Email: ts@ashcoll.school.nz;  
or write Ashburton College Board of Trustees,  
P O Box 204, Ashburton 7740

**On or by: Next Thursday, 03 November.**

### Ashburton College Year 9 Academic Scholarships for 2023

**Criteria and application forms will be available from your child's school early Term Four.**

**The Closing Date for applications is Thursday 10 November 2022, 3:30pm.**

**The academic examinations will be held at Ashburton College on Monday 21 November from 9:00am–11:15am.**

Enquiries and applications to be made to Sheena Tyrrell, Management Administrator,  
Email: ts@ashcoll.school.nz

Phone: 308 4193, extension 812; 027 247 8003.

Please note that these Scholarships are Academic Excellence Scholarships.

### Appreciation

### Successful 2022 College Reading Mentor Programme

The Ashburton College Reading Mentor programme was once again very successful, despite a shortened period and significant illness and absences.

#### Initiatives to Support Reading Progress

Hakateri Kāhu Literacy Co-ordinator, English as a Second Language and Reading Teacher Joanne Wakelin advises that, at Ashburton College, we have a number of initiatives which work together to help students lift their skills in reading. Two examples are the start-of-year book challenge and the work that the reading teachers do with students in groups for a term.

#### Reading Mentors

The Reading Mentors programme is one of the main initiatives to help students lift their reading skills.

This year twenty nine Year 12 students, some of whom were leaders running the programme and most of whom were reading buddies; and thirty five Year 9 students were involved in the programme.

The senior students were tasked with reading twice a week to their Year 9 buddies and, as well as seeing improved reading skills from the Year 9 students, many gained confidence and inspiration from being mentored by a senior student.

Joanne said it seemed that, during a year of uncertainty and changes, all the students really enjoyed the opportunity to relax and read on a regular basis.

**A big thank you to ongoing sponsors - Advance Ashburton and Anonymous. We thank our ongoing sponsors, Advance Ashburton and our anonymous donor, for their continued support of this programme. This support means that the students receive great food each day of the programme and the range of books available are wide and varied.**

#### Thank you to our Senior Students

The senior students involved this year were: Gianna Butler, Laura Bogdan, Angela Ciora, Oliver Davies, Eddie Galbraith, Janelle Galos, Henry Goodes, Amelia Harris, Alice Homer, Jack Jones, Maria Lawn, Seth Lucido, Molly McKenna, Sean McQuillan, Jack Middleton, Lyn Militante, John Montojo, Mao Nishioka, Kaiwhaiki Peetiumango, Princess Pureza, Chloe Robinson, Tom Rosevear, Sophie Smith, Rose Stevens, Jack Templeton, Luis Varias, Isabel Wall and Laura Winchester.

A group of the mentors (pictured right, left to right, from the back):

Maria Lawn,  
Jack Middleton,  
Chloe Robinson,  
Sophie Smith,  
Mao Nishioka,  
Amelia Harris, Isabel Wall,  
Henry Goodes,  
Angela Ciora,  
Kaiwhaiki Peetiumango,  
Tom Rosevear,  
Luis Varias,  
Princess Pureza,  
Seth Lucido, Lyn Militante.



### Events

**Throughout every school year Ashburton College students have many opportunities to learn outside the classroom, and to attend personal development courses and workshops in College. Over the next few weeks, as we wrap up the 2022 school year, we will look at some of these events.**

### Radioactivity Workshop for Year 12 Physics-Science Students

*With some of the information provided by Year 12 student Seb McMillan*

Early in Term Two the Year 12 Physics class travelled to the University of Canterbury (UC) to take part in a nuclear physics field trip.

During their time there the students delved into the atom and how our understanding has changed over time.

The Rutherford Centre (from the Arts Centre near the Christchurch Museum) also helped with the day, using activities to show how alpha particles were used in Rutherford's Gold Foil experiment.

Most enjoyed was students seeing what they had learned in class, but in real-life situations. This was especially so regarding using Geiger counters to pick up all three types of radiation from supplied radioactive samples.

University staff were great. Cliff Franklin showed the students how to use the Geiger counters, and Graeme Plank showed some equipment that demonstrated physics ideas.

The trip was described by the students as educational, beneficial and great to take part in.

UC's purpose in running these workshops is to support Year 12 students studying Atomic and Nuclear Physics. In doing so, UC collaborates with Arts Centre Education (formerly Rutherford's Den) to provide a curriculum-linked set of activities.

The idea incorporates a 1 hour 45 minute workshop, in the brand new laboratories in the Ernest Rutherford building run by the School of Physical and Chemical Sciences at UC. In this workshop they use radioactive sources and Geiger counters to investigate the absorption of Beta and Gamma radiation by biological materials, along with a second activity measuring the half-life of a short-lived copper isotope.

The team from Arts Centre Education facilitates a 1 hour 30 minute session learning about Ernest Rutherford's gold foil experiment and the progression of scientific ideas on the structure of the atom. In preparation students are required to have pre-studied an understanding of the Models of the Atom and the Geiger-Marsden/Rutherford's Gold Foil Experiment.

A tour of the School of Physical and Chemical Sciences highlights pathways into careers and the opportunity to view the campus.

Ernest Rutherford determined the structure of an atom using radioactive alpha particles fired at very thin gold foil. Most of the alpha particles went straight through the gold atoms, showing the atoms are mostly empty space. Some deflected off their course at shallow angles, showing the atoms' centre was positively charged. A very few bounced back, showing the small centre, or nucleus had a lot of mass.

The students in the picture below are modelling Rutherford's gold foil experiment. The hi-vis jacketed students at the front are Radium, a radioactive element that emits alpha particles. The students throw 'ping-pong' balls over their shoulder to simulate Radium's random release of radioactive particles that travel toward the gold foil (*the students in the yellow robes*). The big gaps are showing the spaces between the nuclei.

The idea is, at the end of the exercise, that the students look at where most of the 'ping-pong' balls end up, noting that the spread of the balls around the room is much like the actual spread of alpha particles in the detection chamber after they went through the gold foil.

(Pictured right, front to back): Modelling Rutherford's gold foil experiment are Kaimana Acidera, Luis Varias, Gian Vicente, Adam Goudie (in yellow robe), Isabel Wall, Marcus White (in yellow robe). (Far left): Sunny Rana. (Far right): Erin Murray.



(Pictured above): An infra-red picture of the students, with white showing the cooler areas of the body, and red the warmer areas.

The graph on the right-hand side shows the colour related to the associated temperature. The students (left to right): Gian Vicente, Sunny Rana (obscured), Adam Goudie, Kaimana Acidera.



### Events

(Pictured right): Cliff

of UC, pouring liquid nitrogen on to the outside of a fully inflated balloon. This causes the air in the balloon to contract in volume. The balloon deflates to about the size of a cricket ball, and when then left on the desk it re-inflates to its normal size.

The purpose of this exercise is to see how cold items shrink and warm expand, when the air is trapped inside.



### Congratulations

### Impressive Successes for Japanese Student Yuto Onagi

With the International Student Market operational again, following the opening of international borders, it is very timely to acknowledge the significant successes of student **Yuto Onagi** who has been at Ashburton College since the beginning of 2021.

Yuto is from Tokyo in Japan. He originally arrived in New Zealand in 2020 and then moved to Ashburton College in December 2020 to be ready for the January 2021 academic year start.

Yuto has taken every opportunity while here, with his academic achievements having been exceptional. His organised work ethic and dedicated approach to his studies has resulted in him achieving NCEA Levels 1, 2 and 3 in 2021, as well as University Entrance. This is a most impressive outcome, all achieved in the same year.

International Department Director Michelle Hosking said that, due to the difficult COVID times, Yuto was unable to go home but he made the most of his experiences in New Zealand, travelling to numerous places including, Wanaka, Queenstown, the West Coast and Wellington.

Recently Yuto has returned from sitting university entry examinations for different Universities, back home in Japan. As a result of the examinations he has been accepted into the International Christian University that has been described as having 'one of the most intriguing international environments'. The university also teaches in both Japanese and English.

While in Ashburton Yuto has made numerous friends, embraced all possible opportunities and has truly been a model student. He is a pleasant and motivated young man whose command of both written and spoken English is excellent. Yuto also involved himself in sharing Japanese language and culture with other students and this contribution was greatly valued by both staff and students.

We are very proud of his outstanding achievements and feel very honoured to have had him as a student at Ashburton College. Yuto is wished all the very best for his future endeavours.

(Pictured right): Principal Ross Preece presenting Yuto Onagi with his 2021 Academic Performance Award Certificate.



### Whole College End-of-Year Assembly

**This important whole-College occasion was held on the Chessboard last Thursday, 20 October; at which the Head Students presented their valedictory speeches, the nine shortlisted 2023 Head Student candidates gave their electioneering speeches and the hotly-contested House Trophy winning House was announced.**

Deputy Principal Jono Hay welcomed all to the assembly and, at the conclusion, thanked all for their participation. He specifically acknowledged all aspiring Head Students who put their names forward for the rigorous shortlisting process. Commendation was given to the final shortlisted students and to the quality of their speeches, with Jono noting them as great student leadership role models.

The two Head and Deputy Head Students will be announced at the Year 11/12 Prize-giving on Thursday 03 November.

Jono wished senior students all the very best for the upcoming NCEA exams; encouraged school leavers to take Ashburton College memories and friendships with them; wished Year 9 and 10 students a very positive end to the school year; and thanked Jorja and Jack for their well-chosen words.



(Pictured left and right):

Head Students Jorja Roulston and Jack Brown presenting their valedictory speeches to the school's community of students and staff. Both were able to offer some sage thoughts from their five years of secondary schooling, which offer a wisdom we, as adults, can take much from also.



### Congratulations

#### Jorja Roulston

**Jorja started by saying that 'after wishing all these years away, wanting to grow up, finish school and step out into the big wide world, I now realise that I shouldn't have wished those years away so soon and I'm sure that many of my fellow 2022 Leavers are feeling the same way'.**

#### Bitter-Sweet End of Secondary Schooling

Jorja noted it as being a bitter-sweet feeling, with a familiar chapter closing and another unknown one opening, and referred to the year having been full of inconsistency and change; containing the unexpected, unprecedented, unrelenting, unusual and uncertain, but saying that such adversity has only made us stronger.

She emphasised that all students should be very proud of what they have achieved and overcome this year, saying she knows she is proud of each and everyone.

#### Appreciation

A thank you to all was given for allowing her to have the honour of being the students' Head Student during 2022, citing it as one of the most challenging yet rewarding experiences she has had and that she would forever be indebted for the amount of opportunities that have arisen as a result. Jorja hoped that she has made all students proud, noting the reality of 2022 having been full of laughs, tears, stress and more tears, but a year she wouldn't have had any other way.

#### Hard Work Reminder

There was a reminder though, despite many exciting new beginnings in the near future, there is still a lot of hard work to be put in for all of our senior students with exams coming up and the end of the school year for our Juniors. Jorja said this is a time to focus on putting in the mahi to achieve the NCEA credits needed to meet entry requirements for tertiary education or a new job.

#### Wise Words to Remember

Some wise words spoken to Jorja recently from Head of Senior School Abbey Bruce were to 'only stress over the things you can control, put your stressing energy into things that you can change'.

**Jorja emphasised the value of these words by saying** NCEA results are something students HAVE control over and CAN change, so give it your all rather than having an 'I can't be bothered mentality'. She reminded students that 'Your future is in your own hands so make the most of it, all the hard work that you put in now will pay off later'.

#### Her Time at College

Jorja said that her time at Ashburton College has been nothing short of amazing: the people she has met along the way; the lessons learned and the opportunities given have truly helped her grow into the person she is today. She thanked all of the students and staff for giving her the incredible experience that she has had, saying she will hold on to the memories made and relationships built for the rest of her life.

#### Take Opportunities

Jorja's hope was that all sitting at the assembly have the courage to step up and take the opportunities Ashburton College has to offer; whether it be leadership, cultural or academic involvements, as these are what makes time at College worthwhile.

In final conclusion of what has been a year to remember, in Jorja's words she offered **'some very hypocritical advice from me. Don't stress, just do your best'.**

#### Jack Brown

**In noting his five year journey as Ashburton College was coming to an end, Jack wanted to pass on some of the things he had learnt from each of his years at College. These were -**

#### 2018 – Year 9 – Be Yourself!

Be yourself! Jack said he tried to hide who he was, classing himself as a boring student who changed his personality to try and fit in with the people around him. However, he quickly learnt that his energetic and bubbly personality was something he shouldn't be afraid of and that he should learn to like himself for how he was and, even if not all may like that, it didn't concern him as he found the people who cared for him and made him feel good.

#### 2019 – Year 10 – Make the Most of It.

His advice to those in Year 10 was to 'make the most of it'. In Year 10 he knew who he was, had found his people and enjoyed coming to school. Looking back, 'Year 10 was a blast'. In hindsight he said, though, that he forgot to cherish the fun moments and talked of 'first-time' learning experiences across subjects, with specific teachers. These now form some of his core memories of his Ashburton College journey.

#### 2020 – Year 11 – Work Hard

His learning for this year was to 'work hard', saying students are introduced to NCEA in this year but their NCEA Level 1 year in 2020 was counteracted by that factor called COVID, flipping everyone's lives on their heads. Jack said he thought he could still get by and pass without a care, but this was quickly proven wrong. A positive mindset wasn't enough, rather he needed to put his efforts into getting the results he wanted.

#### 2021 – Year 12 – Be Involved

This was a year which gave Jack the chance of leadership, in his case being a Year 12 Representative on the Green House Executive which opened his eyes to all of the opportunities students have at Ashburton College. He said that being involved in more and more events helped him to build new connections, meet new people, build confidence, and have fun. Importantly, he said that trying everything he had the chance to, was the reason he was standing on stage as a Head Student.

#### 2022 – Year 13 – Keep Going

Jack wisely noted that this year may be the end of his time at College, but it is only the start of the life he is going to live post-College. His advice: although times get tough and it can seem there is nothing exciting on the horizon, there are always opportunities to take – so, just keep going.

### Winners of the Highly-Contested House Trophy for 2022: Blue House

**2022 became the year that Blue House wrested this strongly sought-after and highly contested trophy back off Green House, 2021's winning House.**

Blue House last won the trophy in 2020, then breaking Red House's five consecutive years stranglehold.

A healthy House rivalry permeates amongst students and staff during the year and acknowledgement is given to the **Staff House Leaders** – Stacey Monk (Blue House), Julia Bell (Green House), Pete Lee (Orange House) and Georgia Keenan (Red House) - and to the **Student Co-captains of each of the four House Executives** – Molly Milmine and Charles Savage (Blue House); Mya Johnston and Caleb McNulty (Green House); Anna Gray and Matt Pearce (Orange House), Gemma Tapurau and Amy McLachlan (Red House).

In announcing the trophy winners, Head of Sport Ron Carlson noted that there had been some disruptions also to this year's programmes and that it was interesting to note that Houses, this year, had shown different strengths in different areas of the competition. Some scored highly in the Mihi Pai/ College Values awards over Terms 1 to 3, another across cultural events, and sports outcome high scores to different Houses again. Ron noted, at times, there were only 1-2 points separating three Houses.

**The Final House Points for the year, after seven events, were -**  
**Blue: 63.67 points      Red: 51.04 points**  
**Orange: 48.82 points      Green: 46.47 points**

(Pictured right):

Head of Sport Ron Carlson awarding the top House spot for 2022 to Blue House's Co-captains (left and right): Charles Savage, with Rodney (the mascot), and Molly Milmine.



(Front row, left to right): Stacey Monk (Teacher House Leader), Ella Shanks, Charles Savage (Co-captain) and Molly Milmine (Co-captain), Riley Tindall, Kasey Higgs.

(Absent): Charlotte Watson and Molly Jones (former members, now left College); and Eddie Galbraith.

### Forthcoming Events

<b>October</b>	
<b>27</b>	Sporting and Cultural Blues Assembly, Chessboard, 12:30pm
<b>29-30</b>	South Island Schools' Rugby 7s, Timaru
<b>30</b>	Aoraki Athletics (all age groups), Timaru
<b>November</b>	
<b>07-02 Dec</b>	NZQA Exams
<b>08</b>	NetSafe Webinar Presentation, 7:00pm Te Whare Manaaki Students' Lions Big Day out
<b>09</b>	Year 10 InsideOUT presentation, 12:25pm, Auditorium
<b>11</b>	Year 9 InsideOUT presentation, 2:05pm, Auditorium
<b>11</b>	Canterbury Anniversary Day Public Holiday
<b>2022 End-of-Year Final Days, Prize-Givings, Events</b>	
<b>Parents, caregivers, family/whānau, friends and interested community members are most welcome at the Awards Ceremony and Prize-givings.</b>	
<b>October</b>	
<b>31</b>	Year 13 final day. Students finish at 1:20pm. Year 13 Graduation Ceremony, Ashburton Event Centre, 7:30pm.
<b>November</b>	
<b>03</b>	Year 12 final day. Students finish at 1:20pm. Year 11 final day. Students finish at 3:05pm. Year 11 and 12 Prize-Giving (Combined), Ashburton Event Centre, 7:00pm.
<b>December</b>	
<b>04</b>	Leavers' Graduation Dinner, Hotel Ashburton, arrive at 6:30pm, seated at 7:00pm.
<b>08</b>	Year 10 final day. Prize-giving, 5:30pm, Auditorium Year 9 final day. Prize-giving, 7:30pm, Auditorium