



Rice House takes out Kavanagh Day!



Emmanuel Toilolo, Riley King, Erin Hall, Alyssa Tomlinson and Harry Jacquery find out where their class has come from.



Under Review

In August, the College welcomed the Education Review Office (ERO) team, led by Mr Alan Tutbury, with a welcome

ceremony. Having a review process is an essential part of ensuring we are delivering a high-quality education to our students. In New Zealand, it is also a cornerstone of our school-age education system which is highly regarded internationally whilst not only giving validation of what is working well the review helps schools identify areas for improvement or next steps to enhance what is already in place. We await the draft and then the final report. The initial feedback to the Board of Trustees has been very positive noting the high quality of relationships in the school, the focus we have on improvement and excellent outcomes our students are attaining across the learning and co-curricular spectrum. We expect the process will take about a month to complete but we will look forward to sharing the report. The key findings will also help inform our next strategic plan in 2017 in consultation with all of our community and stakeholders.

“We all have a migration story” a real focus of Social Justice Week

At a time when the number of international migrants is growing faster than the world’s population (according to the United Nations), the theme of migration for the New Zealand Catholic Bishops’ annual Social Justice Week is very pertinent. Millions of people have been forced to leave their homes. Held from 11-17 September in 2016, Bishop Patrick Dunn and Caritas Aotearoa New Zealand Director Julianne Hickey introduced the annual awareness-raising campaign and its theme “We all have a migration story: Fostering a culture of encounter” at an event in Auckland.

“In the build up to Social Justice Week this year, during which we will be focussing on each of our migration stories, I’m visiting the young from St Anne’s School in Manurewa, and I will be listening to some of their migration stories and sharing with them my own story,” said Bishop of Auckland Patrick Dunn. “We are also encouraging people to think about how we can all be more open to one another by listening to how we came to live in Aotearoa New Zealand. These might be very recent journeys or over generations. It helps us to know the story of our nation.” Today, migration is changing our world in ways that we cannot ignore. This year’s topic for Social Justice Week focused on migration and encouraged students and teachers to share migration stories and respond through prayer and action. Caritas produced resources for Catholic schools and parishes, with the aim of raising awareness about issues facing migrants and encouraging people to consider their own migration story, as well as how we can help welcome new arrivals to New Zealand.

At Kavanagh, teachers could choose a prayer and a migration story each day from the Caritas website. Some Social Studies classes explored where students came from and also explored the refugee crisis, focusing on camps and human trafficking. Awareness was raised through posters and some students were sponsored to live below the poverty line on \$2.85 a day. Others bought essentials such as toiletries and household products or collected clothing for donation. One tutor group held a mini-market day with baking sales, games and a dunk the teacher show. Survive a slum was held overnight, with some intrepid senior students braving bitter winds and rain to raise money for Catholic Social Services. On Friday, coin trails were formed in the Mercy Yard for Caritas and the students had a Wear to Care mufti day to raise awareness of their privileges and raise money for St Vincent de Paul.



Kavanagh’s Pasifika Vibes performed at the Polyfest at the Edgar Centre in September.



Now that’s a Class Act

This year’s recipients of the Otago Daily Times Class Act awards are Josh Meikle and Tom Henderson. Josh plans to study history and physics at the University of Otago while Tom is heading for physical education or health sciences. Both have gained NCEA Levels 1 and 2 with Excellence. Josh has been a Top Scholar since 2011 and has also performed highly in music, orienteering, public speaking and in school productions. Tom has won national awards in table tennis and has captained both the First XI cricket and First XV rugby teams.

KAV KWIZ by Josh Meikle

1. Who is the current president of the International Olympics Committee?
2. What cultural event is held at Kavanagh at the end of Term 3?
3. In how many countries does Caritas New Zealand work?
4. Which famous Catholic nun and candidate for social justice was recently declared a saint?
5. What is a seven letter word containing thousands of letters?

ANSWERS ON PAGE 4!

Ipsa Duce thanks Josh for thr last seven years of quizzes. SITUATION VACANT!

Tobias is the National RoboCup Junior Theatre Champion for 2016

In September Tobias Devereux (8TSU) took part in the National RoboCup Competition in Auckland with his entry entitled “Willy Wonka’s Faulty Factory” – and he won the Junior Theatre section! Prior to this, in June, he had won the Junior Theatre section of the Otago RoboCup. For the competition Tobias designed, built and programmed three robots (using Lego EV3 and NXT robots) creating a Crane, a Forklift and Willy Wonka. There are three different sections to RoboCup: theatre, soccer and rescue. The theatre section brings together science, technology and the arts. It involves coming up with a theme or story and then designing and programming your robots to move to music. You can also include props and costumes and, on the day of the competition, the human members of the group also perform alongside the robots. Competitors are judged both on the performance and an interview where the judges get to see the robots and programming in more detail.

Tobias’ entry was set in Willy Wonka’s chocolate factory. Everything is going fine - the machines are working and moving around as they should and Willy Wonka keeps watch from his platform at the back - but then suddenly everything starts going crazy for no apparent reason. Tobias started his RoboCup entry in March and then spent hours and hours and hours working on it, mostly during the weekends. He programmed the robots using RobotC and each robot included one or more sensors (colour, gyro and touch sensors). “Willy Wonka’s Faulty Factory” also included a ramp, lights and lots of chocolates, some of which were sent flying into the audience at the end of the performance.

Tobias has been competing in RoboCup since he was in Yr 4 at primary school and, no doubt, he’ll continue to do so for many more years to come.



HAVE YOUR SAY

Online schools, by Heidi Aicken, Yr 11

Us Kiwi kids are lazy enough as it is. We turn up to school for a few hours a day where the majority muck around anyway and then, we go home. Possibly get into bed, definitely eat and watch our favourite shows. "We deserve it," we tell ourselves. "I went to school all day," we tell ourselves. But in reality we only work at school for 5 out of 12 hours a day. The average child in China goes to school from 7:50 am to 5pm... Think about that. We have it so easy. When elders say we are lazy the last thing we expect is for them to allow us to wake whenever, work whenever from wherever... What is the Ministry of Education thinking of? How can it justify the idea of online schools?

Think about this: what is your favourite part of school? Lunch time you might say, as a joke, but really it is quite true. We socialise: eat lunch with friends, play sport with friends and laugh with friends. Education isn't just about the academic stuff, there is a whole other kind of smarts that online schools can't offer. Even if you don't have any friends when we go into the real world we have no choice but to surround ourselves with other people anyway, so why put that off? Online schools will stunt students' growth as a person. Four million people in New Zealand and not one the same. Online it is impossible to do sports, play music, produce paintings, cook or do woodwork online. When we are taught not to exclude it is unexpected the government would exclude so many students with talents that are not academic. "Can't you just do it at home?" you might ask, but obviously not everyone has the money or materials like the schools do, duh. Online schools seem like the easy option for the Ministry of Education. Cheaper, less trouble and more responsibility for the student themselves. Does the government even care how much this option could disadvantage us?

"All the evidence is clear that high-quality teaching is the single biggest influence in-school on children's achievement," said NZEI president Louise Green. She's right. We are lucky in New Zealand to have teacher-student relationships. Teachers work one on one with us, making sure we understand and helping in any way they can. Instead, online schools would be like listening to a confusing YouTube video we use to catch up on a lesson we missed and imagine having to wait days for a reply to a question by email and even then it may not be explained thoroughly enough! And what happens when the wifi's down? Or your laptop breaks? This holds off our education and is not teaching us the punctuality and work ethic we need and can create in a good old fashioned high school. Plus, teachers would suffer major income loss. Yes, we would still need teachers but they wouldn't need to work as much as all they would do is mark things which means they won't have sufficient money to support their families and kids like us! Instead the government is on the receiving end of the money. Pocketing the left over teachers' pay and seizing all the money from sold up school properties. With the less output for teacher's pay and selling up all of all the school's property, the government earns more money but we what? Get to look at piles of rubble from our windows whilst working at home.

I don't know about you but if I had nowhere to be at a specific time then I wouldn't go. Makes sense, right? No purpose, means no motivation, means no work done. Imagine waking up at 10ish, doing an hours work and then mucking around on social media for the rest of the day with no teacher to tell us to get off our phones. Sounds like a dream, I admit, but how will this laziness benefit us in the future? Does being homeless sound like a dream too...? Online schools teach students minimal discipline. Students would have to manage their own time, prioritise and make good choices. What student do you know is good at that alone, without the pressure from teachers and peers? Correspondence gives the opportunity to bail out on a daily basis. A study revealed in July 2011 by the Columbia University Community College Research Centre indicated that Washington community college students were more likely to drop online classes than traditional ones. Course completion for traditional courses was 90 percent, and for online classes, it was 82 percent. Maybe this doesn't seem like a lot but 8% of the US students is massive! Even about 50.4 million children attend kindergarten alone! For a small population in New Zealand the risk for online learning is much too dangerous. It's the "Largest social experiment on our children that we've ever seen in this country" says Tracey Martin (New Zealand First MP).

Even if it doesn't seem like it right now, school is important. It sets us up for life. Let's not be set up in an non-interactive, lazy and disadvantageous environment. Let's instead be all rounded, socially connected, motivated and wise people of the next generation.

Let's take this opportunity...

The Opportunity Class (OC) is specially formed to provide students who want that extra challenge from school and learning. This year's OC class has 14 Yr 7 to 10 students. During the class time, students engage in a range of activities that require problem-solving, cooperation and

thinking outside the box. Throughout the year, each student also works on a project about anything they are passionate about. Projects for this year vary from diverse science topics on well-being, life on Mars and programming with electronics, to creative writing and historical studies. These projects will be presented to parents and community at an end of year demonstration. As our first field trip for the year, the OC group had a unique opportunity of visiting the Computer Science Department at the university. There they got to work on challenges previously presented to university students. OC students had to use problem-solving skills, cooperation and general outside the box thinking to engineer contraptions for completing a range of tasks. Students were most definitely challenged but persevered to succeed in up to three of the four complicated tasks. Next term we look forward to the progression of the students projects, another creative trip away from school and presenting our exciting programme at the school's Open Day.



Bunch of Seven



Oscar Kirkness, Yr 7



Ella Munro, Yr 8



Caramelrose Tofilau, Yr 9



Oliver Hill, Yr 10



Oscar McDougall, Yr 11



Sophie Smith, Yr 12



Rory Quinn, Yr 13

Describe the best moment at school for you this term.

Oscar: Kavanagh Day when I competed against friends.
Ella: Trtrying to climb the rock wall with my friends.
Caramelrose: Kavanagh Day.
Oliver: Surprised to get another Excellence in Maths.
Oscar: When I dropped 5AM during class.
Sophie: Winning the lip synch on Kavanagh Day.
Rory: Chatting with Mr Boyle.

Favourite food which is unhealthy but you eat it anyway?

Oscar: Indidan food. I just love the spices.
Ella: Chips.
Caramelrose: Chocolate.
Oliver: Indian curry.
Oscar: Vegan pancakes.
Sophie: Chocolate buttons.
Rory: A Bunning's sausage.

What is the main thing you do on the internet?

Oscar: Watch youtube.
Ella: ThatcherJoe: Sugglets are the best!
Caramelrose: Social media.
Oliver: Viewing Anime films.
Oscar: Entertainment.
Sophie: Looking at quotes on Instagram.
Rory: Was Harambe a conspiracy?

What question would you like to ask Prime Minister, John Key?

Oscar: Why are there so many homeless?
Ella: What do you have for breakfast on Sundays?
Caramelrose: Why are you the Prime Minister?
Oliver: Isn't it about time you lost?
Oscar: What's your favourite pancake?
Sophie: What is the biggest problem in New Zealand at the moment?
Rory: Why do you hate the poor?

Apart from a parachute, what could you make with two eggs, an A4 page and whatever is in your pencil case?

Oscar: Two mini egg people with faces and paper cases.
Ella: Scrambled eggs and a paper plate with pencil shavings.
Caramelrose: A basket with eggs in it, decorated with coloured pencils.
Oliver: A catapult, collage, a mess, ear-rings.
Oscar: Vegan pancakes.
Sophie: A paper outfit for my eggs, coloured with my pens.
Rory: I'd shatter the eggs - they symbolise my dreams.

Mana Pounamu Award Winners for 2016

Ngā mihi nui - congratulations to the following students: TUAKANA AWARD: Quintin Petre (far right) (Ngāti Porou) and TEINA AWARD: Nick Parata (Ngāti Raukawa / Ngāti Toa Rangatira / Te Atiawa).



Liberty Bray and Rosemary Auckram: the Art Awards winners

Every year Kavanagh College students' artworks are being shown at the Otago Art Society Youth Art Awards Exhibition. This is a great opportunity for our junior students to exhibit their artworks in a professional gallery space together with students from other schools. The College was represented by 21 junior students in this year's exhibition. The artworks included self-portrait paintings in a Cubist style, expressive woodblock prints inspired by German Expressionists, large imaginative pastel drawings and mixed media collages.

Our students Liberty Bray (above) and Rosemary Auckram (left) received the top awards in their category. Liberty received first place for her imaginative and whimsical mixed media composition and Rosemary second place for her expressive wood cut print.



Our IT Mr Fix-it

Who is the most called upon and the most helpful person at Kavanagh? It's Nathan Sortehaug. With such a huge move to working online in the classroom this year, Nathan is in high demand. He is involved with the day to day running of the network and computer systems. This includes the following: staff and student network and email account setup, configuration and deployment of computer images, hardware and software installation and upgrades, repair and troubleshooting, and the setup and configuration of the Linewize device.



Welcome to Matthieu!

Matthieu Demarets is a Year 12 student from Belgium, and he will be spending a year at Kavanagh. He writes:

My very first impression of New Zealand was during the flight between Melbourne and Christchurch. We were crossing the country and I had an amazing view of the snowy mountains which were absolutely awesome! I felt like a newborn baby anxious to discover the world. Once landed, I met some adorable customs officers. I remember that I wished all Kiwis would be as kind as they were. And so far I haven't been disappointed. My host family has already taken me to many awesome places. We had a look on the wild Otago Peninsula and took some pictures of the city from above. After six days here, I could already say that New Zealand (or at least Dunedin) was exactly the kind of place I wanted to live in and that I'm looking forward to discover as many places and learn as many things over that country as possible. I really want to be able to speak as natives do, without any French accent or problems finding the right words. I also want to have unforgettable experiences far from everything I've ever known by exploring the cultural and touristic sides of New Zealand. I'd like to make lots of Kiwi friends. I've only one brother and we get along very well. He has always been my best friend and confidant. His name is Maël and he's 19. He took a gap year two years ago and now it's my turn. He's studying at the university and that's why he left home. So we've left our parents alone at home. My mum's name is Maroussia (her grandparents came from Poland), she's self-employed while my dad, Pierre, goes each day to Brussels where he works for a newspaper. I'm quite a sporty guy. I often run, cycle or skate (but I'm not good at skating) during my free time. But I also enjoy reading, drawing or chilling at home. I started to take guitar lessons the year before I left and would like to keep practising when I'll get back home. I played rugby twice a week on every Wednesday and Friday and we usually had a game on Saturday. I decided to play rugby almost two years ago and that's one of the best decisions I've ever made. I'm addicted to that sport and that's one reason which made me choose New Zealand. I'm crazy about surf and ski but I haven't had many occasions to practice those sports in Belgium. In Belgium school begins at 8:25 each morning and usually finishes at 4:05, except on the Wednesday when it finishes at 12. So Wednesday is way lighter than the other ones; it's a kind of rest day. Our lessons are given academically and we take down notes on paper and in our books. Our schools aren't very up to date with technology. We have fifty minute periods and we have eight of them each day except on Wednesdays when we have only four. My school was pretty old but I had nice days chilling with my mates and we had good relationships with most of our teachers. We have a smallish college of around 700 pupils with 70 in the final year. The place I live in is way different that the one I'm discovering at the moment. I live in a little town called Huppaye in the French part of Belgium (which is divided between Dutch, German and French speakers). In fact, the landscape is fields as far as the eye can see and all the country is flat. The north-east part of Belgium is a little bit more undulating but nothing more than hills. The place I live in is quiet and relaxing. I've lived in the middle of those green fields and I do love them!



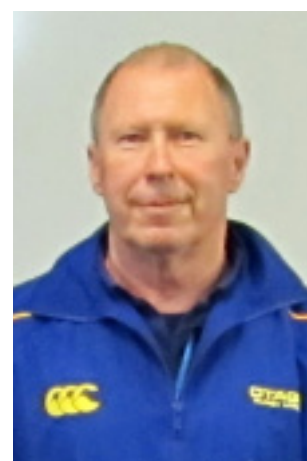
Small Schools Girls Tournament Basketball champions: Kyra McEntyre, Hayley Sleeman, Matile Ioane, Sofiana Elisara, Alexi Hart, Nadia Uriaro, Anika Bolton, Madi Sutherland, Annalise Wilson, Dre Whaanga, Anita Samasoni and Gerard Mullin (coach).

Tournament Week Results

This year we entered teams in boys' football in Timaru, girls' Football in Dunedin, a mixed hockey team in Gore, boys' and girls' basketball teams in Dunedin. Our Senior A netball team played in the South Island Netball tournament in Nelson. Again we had some really good success across all our sports. Many thanks to all the coaches and managers who helped out with a team during Tournament Week; this is very much appreciated.

The results were: Boys' First XI Football: lost to Gisborne Boys 3-2 in the final, finishing 2nd at the Jim Wishart Tournament. Girls' First XI Football: finished 11th out of 16 teams in Dunedin at the Lotto Sportswear Tournament. Mixed Hockey team: finished 7th in Gore. Senior A Girls Basketball team: won the small schools qualifying tournament in Dunedin and now will attend Nationals. Senior A Boys basketball team: finished 6th in the small schools qualifying tournament and that now ends their season. Senior A Girls netball: finished 15th out of 32 teams in B grade. That now completes what has been an extremely busy Winter season for sports teams at Kavanagh College.

Kavanagh are Section B girls' rugby 7s champions for Otago. The semi-final was won 22-5 but the final against Cromwell and some bigger girls was a bit tougher. Our girls put in some big hits though, especially Monique and Matile. Brigid Corson ran like an energiser bunny. The final score 22-15. The team (below) was: back row: Amy McFelin, Hannah Idour; second back row: Caitlin Constable, Alexi Hart, Anika Boulton, Monique Pailee Sem; second front row: Matile Ioane, Hayley Sleeman; Miss E Stevens; front: Brigid Corson. Absent: Rose Pickard, Lilly McKewen, Danielle Hiku.



Introducing our new BOT Chair, Trevor Thomson

What are your links to Kavanagh College?

My wife's family went to Moreau College, I went to St Pauls' and we have three children currently attending Kavanagh: Riley (Yr 13), Fletcher (Yr 12) and Graysen (Yr 9).

What strengths do you bring to the job of BOT Chair?

I'm enthusiastic, passionate, hardworking, honest and progressive.

What are you particularly looking forward to?

Working together with Tracy O'Brien, the staff and the wider school community to ensure that the students reach their full potential and are well prepared for when they leave school and enter higher education, the workforce or whatever they choose to do.

What do you think some of the challenges might be?

Maintaining the high standards set by previous boards, making sure all our school families are heard and giving all the students the best education they can receive.

What memories do you have of your own school days?

I really enjoyed school, loved all the new friends I made, and played every sport, mainly rugby.

Hobbies and interests?

I love the outdoors especially mountain biking, watching rugby, following the kids' sports (of which there are many), reading and family trips.

An interview with Mary Flaherty, speech teacher

Mrs Flaherty has been on the Kavanagh site since 1989. Many students have passed through her doors and gained very high awards.

"I was educated at St Patricks Dominican College Teschemakers out of Oamaru. My family farmed in North Otago. My five sisters and I went to boarding school. I had a marvellous education at Teschemakers and was able to take extracurricular activities which included music and speech and drama. The Dominican Sisters supported themselves by providing education in these areas. This was where my interest in Speech and Drama and Public Speaking and Communication started. I worked through the Grades while I was at school. While I was training in Christchurch to be a School Dental Nurse, which in those days required two years training and three years field service to gain full registration, I continued with my study in Speech and Drama. I completed Higher Local sitting the exam very early in the morning before the first of my finals papers for School Dental Nursing. I then went on to complete my Associate Diploma Teachers and my Licentiate Diploma Teachers in Speech and Drama. A Licentiate is the requirement for registration to practice as a Teacher of Speech Communication.

"When my children Tim and Juliet started at Kavanagh College it was a very new school with some real limitations in what was being offered to students. Kevin and I decided to support Kavanagh College because it was the only Catholic School in Dunedin. As a result I decided to make myself available to offer Speech communication to the students who were interested. To begin with it was challenging as I was working from two sites and then as space in the school became difficult I ran a studio from King Edward Court for over 15 years. I now teach from a room in the Pomplier Block. I have run my own business for almost 30 years and have taught big numbers of children and adults. This includes Kavanagh College students. Many have received outstanding results and scholarships and the benefits have been seen personally for all students. Speech Communication is now a regular part of the extracurricular activities offered at Kavanagh College.

"I teach a number of syllabi including Public Speaking and Communication, Speech and Drama and Professional Speaking for Speech New Zealand from Grade 1 to 8 as well as Associate and Licentiate Diplomas both in Performance and in Teaching. I also teach all Grades and Diplomas for Trinity Guildhall which is an English based examining authority. Each student has a syllabus targeted to their needs and is encouraged to reach their best standard with every effort made to secure a positive result. The syllabi in Speech and Drama involves public speaking, poetry performance, drama, reading aloud, impromptu work and theory both in literature and voice management. As students' progress through the syllabi the standard of work increases and it becomes more challenging. The Public speaking syllabi requires power point presentations, all the public courtesy speeches, points of view, recommendations, pleas, impromptu speaking about local national and international topics, debating skills, role play which involves mediation and negotiation as well as reading aloud and summarising documents, interviews, telephoning techniques and meeting procedures.

"There have been many outstanding students over the years but one of the more interesting examinations sessions involved two Licentiate students who were doing their first module in teaching together which is entirely performance work. They presented an amazing programme with a commentary throughout. At the conclusion of the performance both students were amazed to look up to find the examiner had tears in his eyes. It wasn't until later I was told he had been massively moved by the standard of performance. As a result both students gained very high results and one of those students was a Kavanagh boy who was at university at the time. Both Tim and Juliet received Honours or Distinctions for all their exams and often feel that speech communication was one of the best things they learned at school. They both became lawyers hence their debating skills and public speaking skills were put to good use not only at home! but in the court room as well. But regardless of whom you are the ability to be able to communicate confidently and effectively in professional, personal and business situations are essential if you are to make any impact in today's world. Whether a student chooses to learn public speaking or speech and drama these skills will be improved."



profiling...

FULL NAME: Stephen John Read, Deputy Principal; Jacob Larson, Yr 12 student.

BORN IN: Both in Dunedin. **AGE:** Quite old; 17. **STAR SIGN:** Cancer; Virgo.

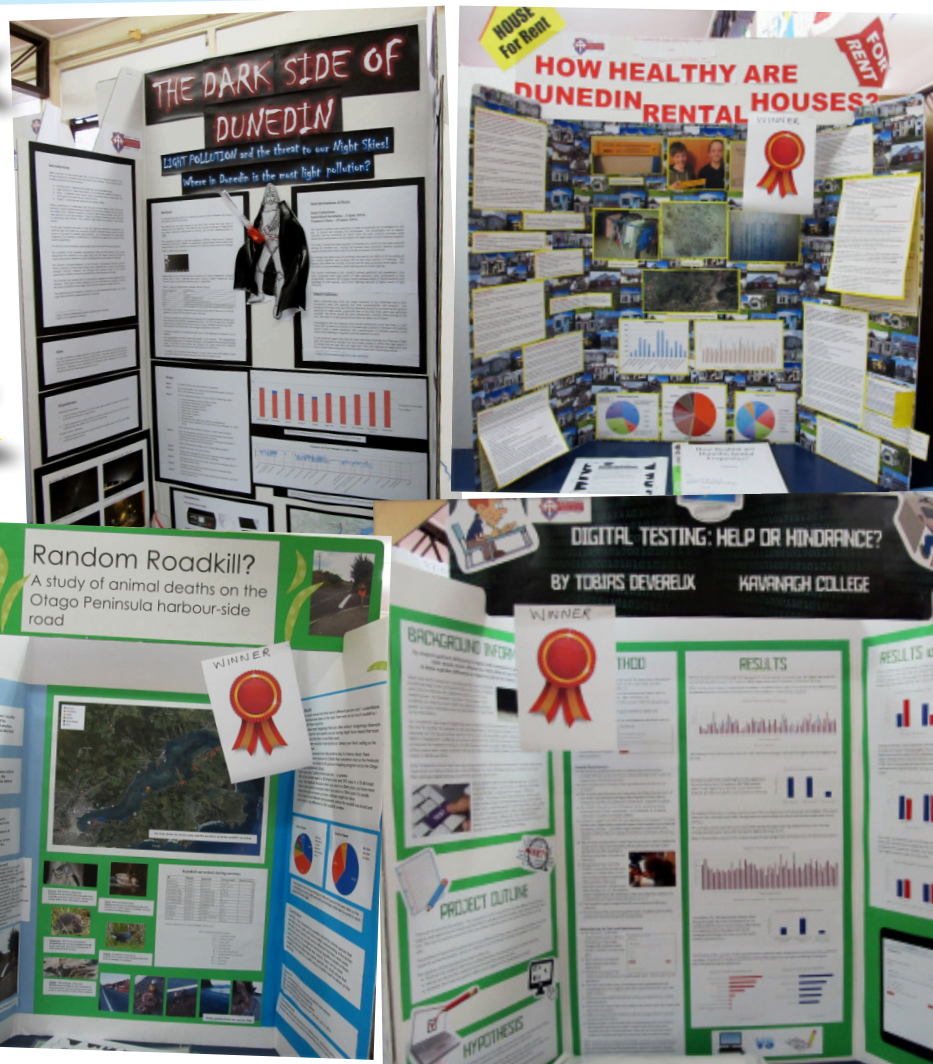
WHAT'S THE BEST THING ABOUT KAVANAGH? SR: The infectious and unbounded energy and enthusiasm of the students. JL: The Library banter. Where else do I get to hear about the seven most expensive spices in the world from 2017's head boy Finn Kelly? **AND THE WORST?** SR: Nothing I can think of. You tell me and we'll try and fix it. JL: The Library banter. It frequently makes me want to bang my head against a wall. Who honestly wants to hear about the seven most expensive spices in the world? **WHAT DO YOU REMEMBER ABOUT YOUR FIRST DAYS AT KAVANAGH?** SR: All the stairs. The place felt like a rabbit warren. I do recall how friendly students and staff were (and still are). JL: I remember Mrs O'Callaghan slipping down the stairs that go from the senior common room to the canteen, immediately after she warned us about how dangerous the very same stairs were. **WHAT WILL YOU REMEMBER MOST ABOUT BEING AT KAVANAGH?** SR: Always the people. The collegiality of the staff. They are very supportive of one another and are generous with their time to students. The way the special Character of the college is lived out through actions, especially the Social Justice projects. JL: Ross Hall, of course. To this day he believes he saw a rock roll of its own accord in a Yr 10 science class. Ross, it's a rock. Rocks don't move by themselves. **WHAT DO YOU LIKE READING? WHAT'S YOUR FAVOURITE BOOK?** SR: The Women's Weekly and Women's Day while I am in the queue waiting to pay at the supermarket. My Favourite book? 'The Big Travel Book' by Lonely Planet. JL: Most things. I can't remember the name of my favorite book,

but it's very, very good. **IF YOU HAD A MASCOT OR SYMBOL WHAT WOULD YOU CHOOSE AND WHY?** SR: Not really a mascot but someone I admire: Martin Luther King Jr. He was a deep thinker and fought hard for what he believed was right. He made so much sense when he spoke. If I could only have a fraction of his charisma! "To save man from the morass of propaganda, in my opinion, is one of the chief aims of education. Education must enable one to sift and weigh evidence, to discern the true from the false, the real from the unreal, and the facts from the fiction." JL: I asked Olly what mascot he would associate with me. "Bard" was his response. **WHAT SPORTS DO YOU PLAY?** SR: Snow skiing and mountain biking are my two favourites. Anything that gets me out in the fresh air is good. With Dunedin's climate I have to suffer going to the gym in the winter. JL: Zero, nil, none, N/A. **WHAT IS THE MOST IMPORTANT THING FOR YOU THIS YEAR?** SR: It's the same thing every year - the health and

happiness of my family. JL: Winning Kahoots. **WHERE DO YOU HOPE TO BE IN TEN YEARS' TIME?** SR: Heli-skiing at Blue River in British Columbia, Canada. JL: This is really causing me to question quite a few of my life choices, as I have no idea. **WHAT ADVICE WOULD YOU GIVE TO STUDENTS FOR 2016?** SR: Always give things your best shot. Do things that make you feel alive. Make time for people in your busy life. Everybody deserves your respect. That's probably enough for one year! JL: Always appreciate the importance of attending assemblies.

Aurora Otago Science and Technology Fair Results

- Gabriel Vink, 7OST: The Dark Side of Dunedin; Aurora Award, School of Surveying Geospatial and Measurement Science Award.
- Sylvie Latton, 7OST: The Dark Side of the Rainbow Aurora Excellence in Energy Award, Aurora Award, Institute of Professional Engineers NZ Award.
- Sarah Al-Balushi, 7OST: Up Or Down, Department of Biochemistry Award.
- Lachlan Allibone, 7RAL: Segments in Citrus Fruits, Department of Botany Award, Plant and Food Research Award.
- Olivia Bell, 7RAL: Cookie Wars, NZ Baking Industry Award, NZ Institute of Food Science and Technology Award.
- Lucy Hopkins, 7VAN: What Sized Puck Travelled Furthest?, Highly Commended Certificate.
- Caoimhe Dowd, 7VAN: Are your eyes playing tricks on you? Aurora Award.
- Caleb Simpson, 7WLF: Can Liquids Conduct Electricity? Aurora Excellence in Energy Award, NZ Institute of Chemistry Award.
- Liam Byers, 8CAM: Under Pressure, NZ Institute of Physics Award.
- Meg Christophers, 8 CAM: Strep 'n' Pets, Department of Biochemistry Award.
- Rosa Garlick, 8OCB: Random Roadkill, Aurora Award.
- Liam Gould, 8OCB: Electrolyte Challenge, Department of Zoology Award.
- Josh Chen, 8OCB: How does size and shape affect speed of parachute?, Highly Commended Certificate.
- Katrina Pelvin, 8TSU: The Stroop Effect, NZ Association of Optometrists.
- Enrique Garcia, 8TSU: Trash to Gas, Keith Dawber Alternative/Renewable Energy Award.
- Ariana Barr, 8TSU: What Can You Remember?, Aurora Award.
- Anna Peyroux & Stella Caulton, 8TSU: Screen Test, Cancer Society Award, Otago Medical Research Award.
- Tobias Devereux, 8TSU Digital Testing: Help and Hindrance, Aurora Award, Department of Psychology Award, Department of Computer Science Award.
- Riley Mortimer, 8TSU: Splatter Heights, Highly Recommended Certificate.
- Campbell MacDade & Grace Creighton (Columba College), 8TSU: How Healthy are Dunedin Rental Houses? Otago Medical Research Foundation Award, NZ Oil & Gas Award for Science Education, Asthma Society Award.
- Annabelle Ring, 8HAI: Vitamin C You Later, Aurora Award, Plant and Food Research Award, NZ Institute of Food Science and Technology Award, NZ Institute of Chemistry Award.



Nothing fishy about this trip?

8TSU went to the Portobello Aquarium for a marine studies trip in Term 3. The photo below right is from Animation Research Limited and shows Jack Harris, Campbell McDade and Mitchell Stewart in virtual reality with oculus goggles on. And no trip would be complete without exploring the touch tank: here are Sami Perkins, Molly Seuseu-Musgrave and Tobias Devereux.

Caleb Marsh (Yr 11) shows a coffee table which he designed as part of a twelve week unit. Other items created by his class includes book shelves, footrests and bedside furniture.

Soni Taungapeau (Yr 11) chooses to wear his tupenu with its taovala (mat) instead of regular school uniform on Fridays. This is a formal style of dress in Tongan culture.



KAV KWIZ ANSWERS: 1. Thomas Bach; 2. Kavanagh's Got Talent Show; 3. Eighteen; 4. Mother Teresa; 5. Mailbox

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