

Educating for the Future/Unknown!

Over the course of many years, I have had the privilege of witnessing tremendous change and growth in students from the moment they start school as a five year old, to the moment they leave school at eighteen, or almost eighteen, ready and raring to go on to the next stage of their life.

Every five year old brings to school different life experiences and varied interests, making the classroom lively, fun, and definitely spontaneous. Children are keen to share their understanding and respond well to encouragement and challenges, and for the most part, are not afraid to get it wrong.

I am continually amazed at how these five year olds respond to school life and how excited they are when they see connections in their learning. To bottle this enthusiasm and natural exuberance for life and learning would change the world and education as we know it.

It is our job as educators to continually look at what we are doing and how we do things to ensure continued enthusiasm, engagement and relevance as students move through our education system.

The early years focus is on literacy, numeracy and socialisation; much needed skills that will be necessary for the future of learning how to learn and not what to learn.

Early gains and confidence establish the foundation for successful inquiry learning where students have ownership of their learning. It starts with exploration and questioning and leads to investigation into a worthy question, issue, problem or idea. It involves asking questions, gathering and analysing information, generating solutions, making decisions, justifying conclusions and taking action.

Content knowledge and understanding will always be a part of school life, however, 'soft skills' are becoming even more critical in preparing our students for their future and jobs that don't yet exist!

Critical Thinking and Problem Solving

- The challenge is how do you do things that haven't been done before.
- Find the solution, don't pose the problem.
- Yesterday's answers won't solve today's problems.

Interpersonal skills

- The ability to work in teams, relate to people and manage conflict.

Collaboration and Leadership

- Teamwork is no longer just about working with others in your class or school. Technology allows for global connections.
- Leadership offers the ability to influence.

Agility and Adaptability

- The ability to think, be flexible, change, and use a variety of tools to solve new problems.

Initiative and Entrepreneurialism

- Coming up with ideas
- Developing ideas

Communication Skills

- Verbal skills, written skills and presentation skills need to be clear and concise.
- The ability to write or speak to create focus, energy, and passion around the points they wish to make.

Accessing and Analysing Information

- There is so much information available that it is almost too much. It's not only the sheer quantity of information that represents a challenge, but also how rapidly the information is changing.
- The ability to validate the information available.

Curiosity and Creativity

- Students who learn to ask great questions and have the confidence to be creative are the ones who solve the biggest problems.

Resilience

- Being able to bounce back after a disappointment or set back, big or small, and continue to move onward and upward.

If our students have opportunities to develop these 'soft skills' during their schooling, then we are preparing them for life-long learning where they aren't afraid to give things a go and understand that mistakes and failure are a healthy part of the learning process.

Too often we underestimate how capable our students are and can be guilty of either spoon-feeding or overprotecting them to avoid failure. The environment we provide must not inhibit real learning.

'Success is stumbling from failure to failure with no loss of enthusiasm.' - Winston Churchill

Mr Peter Cassie, Principal

Blankets for Project Island Child

Founder of Island Child Charitable Trust, Danielle Bergin once lived in a car and ate in soup kitchens. She knows what it means to be down on her luck, to feel lonely inside, to watch every cent and walk the streets daily looking for free opportunities to sit in libraries and



read the paper, trying to pass time, waiting for the next free soup kitchen dinner before returning to her car to sleep. She remembers that as a transient, no one ever stopped to ask her if she was alright.

Through a change in fortune, Ms Bergin turned her life around and is now helping the homeless herself. She had inherited a small amount of money, just enough to buy a small, run down shop in Panmure. Noticing families sleeping outside in their cars, she invited them in from the cold and started letting people stay in her front room for free. From there Island Child Charitable Trust was formed.

Since 2005, Ms Bergin has helped over 300 families find shelter, taking them in until they can be rehoused. Recently the Boys' School played a part in assisting her charity, having gathered over 300 blankets and items of linen to help keep families warm. At a chapel service last term, Ms Bergin gratefully received the blankets along with a cheque for \$1385, the proceeds of a recent family chapel. She told the boys that in the current housing crisis, it is becoming increasingly difficult to find rental properties and make ends meet so donations such as this help her cause immensely.

Supporting our own

Across the Saint Kentigern campuses, we have long given service to those in need in our local community and further afield. At times, however, we need to turn our attention closer to home in support of our own families and staff.

The idea of prepared meals stored on hand for when families need some extra support originated at the Girls' School, with the concept picked up at the Boys' School last year; now willingly managed by parent, Mrs Corinne Stillwell.

At a time when tragedy struck a staff member and a school family experienced prolonged parental illness, fellow staff and parents rallied around each family to support them with meals. The experience highlighted the need to have a source of meals on tap for any staff or school family facing life's challenging situations.

With the donation of a freezer to store the meals, a scheme was set in place, sending home empty containers to a House group each term, inviting parents to make a freezer-ready meal or dessert. The meals are then clearly labelled with the meal type, contents, and date it was made and placed in the freezer ready for distribution. Reasons for distributing meals have ranged from the arrival of a new baby, short term or prolonged illness of a family member, family separation,

bereavement - in fact any event which places particular strain on staff or families. To date, the Boys' School have distributed 270 meals. These have been gratefully received in times of need.



Help Save Lives

Whether it's helping at the scene of an accident, taking part in search and rescue or an emergency medical dash to hospital, the Westpac Rescue Helicopter teams save lives. No-one ever expects to need their services but in a time of crisis, those in trouble could not hope for a more professional crew - a crew who are trained to deal with physical trauma, as well as help alleviate the anxiety of those in their care. There is no charge to those who need their services and the majority of funding for this unique service comes from the community, through sponsors like Westpac and people like us.

Each term the School Council at the Boys' School arrange a mufti day in support of a charity of their choosing. Their recent focus was on the Rescue Helicopters raising over \$2,700 on the day in support of the Trust. The Trust's pilots complete about 30% of their IFR (Instrument Flight Rules) training in a simulator which visited the School. A few lucky boys were able to gain an experience close to flying the 'real thing' - an incredibly exciting opportunity!



Offering Service in Fiji

With thanks to Senior School teacher, Mr Richard Kirk

The second annual service trip to Fiji by a combined group from the Boys' School, Girls' Schools and Preschool took place during the July holidays. The group returned to the Nawaka District to further strengthen their ties, donating both time and resources to work on its facilities alongside the villagers. Twenty-three students, along with parents and staff travelled to Nadi, after a considerable amount of preparation and fundraising since last November.

As with the inaugural trip in 2015, there were specific jobs that were planned for the village and school community of the Nawaka District. These included upkeep of the Nawaka Medical Dispensary, the installation of playground equipment for the Preschool and the creation of raised garden beds for the benefit of both the school and wider community. A container of donated goods had been arranged to be shipped to coincide with the visit, with a focus on clothing, footwear and stationery to be distributed amongst the villagers.

After transferring to the accommodation, the group made the journey to Nawaka to be officially welcomed into the village by the Headmaster of Nawaka District School and a village spokesperson. Customs issues meant that the container was a couple of days late, but this did not deter the group in any way. Supplies were purchased that enabled work to begin immediately on the first morning, cleaning, painting and digging gardens. At the same time, other members of the group worked in the school undertaking reading, sports and technology-based activities with the Fijian children.

When the container finally arrived, all hands were on deck to unload and allocate items to the appropriate places. Clothing, shoes and some furniture were laid out in the community hall before the villagers oversaw the distribution of the items amongst the community. Boxes of books, stationery, educational resources and shelving units were taken to the school for dispersal by the teaching staff.

The students were then taken to the local rugby stadium where the Nawaka age group sides were playing. Saint Kentigern cheered Nawaka on and this was a fantastic way for us to show support of this community on top of the goods and time donated.

Other major building jobs that were completed were the installation of a swing set and fort at Nawaka Preschool, and installing a gutter system at the medical dispensary. Three raised gardens were also created along with an irrigation system, which the Fijian people were very keen to see in use. Our group was also able to undertake some arts and crafts with the Fijian children, which was hugely successful.

On the final evening in the village, the group returned, after arguably the most physical day of the tour, to be part of a farewell ceremony and share a meal (a *lovo*) which the locals had prepared. After the formalities, the message came back very clearly that the community felt a debt of gratitude for what we had achieved in a very small space of time. After the meal, the Nawaka community sang and performed a haka for us and in turn Saint Kentigern responded with our national anthem and a rendition of 'Tutira Mai Nga Iwi'. This was an amazing end to our 'official' time in the village.

The next day was spent having some rest and relaxation with a trip to an island for the morning, followed by a cruise back to the mainland in the afternoon. The next morning saw the group return to the village one last time to say their final farewells. Again, thanks and gratitude was offered to the group and the school sang 'Isa Lei', a traditional Fijian song of farewell. After we had left Fiji, the chief and leaders of the village had a meeting to discuss the visit and the feedback was very positive about the impact we had had.





Hall packed for Science Talks!

The Boys' School welcomed two of New Zealand's top scientists to speak at the 2016 Science Symposium. Students and their parents packed JC Chalmers Hall from wall to wall to hear from cognitive neuroscientist, Dr Kerry Spackman and Dr Cather Simpson, Associate Professor, Photon Factory, Auckland University. Also joining the speakers' line up was Executive Director of the Fred Hollows Foundation NZ, Mr Andrew Bell. Not to be outdone, we added one more scientist to the mix - Year 8 student, Isaac Mellis-Glynn!

An evening dedicated to science helps students to consider the possibilities of science as a career. The Symposium is timed to support the term's focus on the Science Fair for the boys in Years 7 and 8. With their work on display on the night, the Symposium allowed the boys to communicate their

findings back to their peers and the School community.

Our first speaker, Dr Kerry Spackman has a background in Formula One racing and working with some of the most successful sportspeople where both technology and science have played a major role in advancing their careers. In addressing the students, he said that they could become the richest people in the world, but to be successful, you have to get along with people and know how to network your ideas. 'Be a good person, never give up, work hard and follow your passion!'

Our second speaker, Mr Andrew Bell, has a special connection, as he was once Chaplain for Saint Kentigern. In his current role with the Fred Hollows Foundation NZ, science and technology contribute significantly to helping thousands of people around the world regain their sight.



Dr Cather Simpson was our final speaker, explaining that the Photon Factory at Auckland University is a multi-user laser facility where students and staff study how molecules convert light to useful energy and exploit short laser pulses in micromachining projects for scientists all over New Zealand.

Dr Simpson along with her two PhD students, made use of UV light to demonstrate fluorescence in some spectacularly 'highlighted lilies' that had been left to absorb highlighter ink up through their freshly cut stems. She encouraged the boys to make a hypothesis, take a risk and if it turns out 'wrong,' to learn from it.

Our guests may have been a tough act to follow but Head Boy, Issac Mellis-Glynn is not shy about speaking to a large gathering. Well versed in speech making, he delivered a fantastic presentation about the trials and tribulations of conducting a science project that tested the health of Auckland's waterways - right down to being bitten by an eel in the process!

Principal, Mr Peter Cassie closed the evening saying that 'science gives humanity hope; it makes us think about our world and our future.'



Digging for Science

The realms of scientific investigation can reach into the deepest recesses of the universe, millions of kilometres away, or delve into crevices much closer to home. To celebrate Science Week, a number Year 5 and 6 students and teachers from the Boys' and Girls' Schools and other local primaries probed the hidden world right under their feet! Dig a Hole Day offered a chance for the students to get down and dirty with the outermost layer of the Earth's crust on Roselle Lawn!

First, Dr Iris Vogeler demonstrated how to test soil samples for their properties. All soils contain mineral particles, organic matter, water and air and it is the combination of these that determine the soil's texture, structure, porosity, chemistry and colour. Dr Vogeler is a soil scientist for AgResearch and led the students in conducting experiments to test the drainage capacity of different types of soils.

Dr Robyn Simcock is an ecologist and soil scientist with Landcare Research.

She specialises in rehabilitating land impacted by major civil works, such as mines and dams and has a particular interest in environmental issues and sustainability. She explained the diversity of soils found around Auckland and how our natural history determines its qualities.

Dr Bruce Hayward then discussed Auckland's volcanoes and New Zealand fossils. A palaeontologist, geologist and marine ecologist, Dr Hayward has written more than 20 books on everything from archaeology to lichens. The history of Auckland's volcanic cones was detailed and real-life examples of fossils were passed around for the audience to examine.

The afternoon of fossicking underfoot opened the students' eyes to the interesting field of exploration lurking just below the Earth's surface. The event also provided an opportunity for the teachers to rub shoulders with other science experts to enhance their classroom teaching.





Great success at Science Fair

Following on from the Boys' School Science Symposium, a select group of young scientists from our Senior School presented their science projects for judging at the Auckland Regional Science and Technology Fair hosted onsite in the Jubilee Sports Centre. The boys' projects were put on display alongside the top 200 projects from 22 schools within the central Auckland area.

At the Prizegiving, the judges said that the standard across Year 7 and 8 this year was extremely high, so we were delighted that 20 of our boys were recognised with 26 awards. Six of the projects were singled out for special awards!

The projects were varied and interesting from Will Tisdall's project, 'Growth Spurt' that looked at the cost of farm fertiliser and investigated a more economical substitute made from sheep dags to Isaac Mellis-Glynn

testing for water quality around streams in Auckland - and getting bitten by an eel for his efforts!

Angus Thompson tested house plants to see which would be the best to keep our indoor environment oxygen rich, while Cameron Dean undertook some sophisticated mathematical equations when measuring the calorific value of different kinds of nuts!

As always there was a diverse range of imaginative projects displayed for our judges to ponder but the winning projects were selected on the basis of their rigour to carry out repeated scientific measurements, fair testing, analysis of the results, returning to reflect on the hypothesis and taking into account any experimental error.

Well done boys!

Prize Winners:

Cameron Dean	Nut-trition	Material World	1st
Isaac Mellis-Glynn	Water's the Matter	Planet Earth and Beyond	2nd and Special Prize
Will Tisdall	Growth Spurt	Living World	2nd
Tom and Will King	Burn Time	Material World	2nd
Jack Priddy	Get into Gear	Physical World	2nd
Zac Lerner	The nose knows	Living World	3rd and Special Prize
Angus Thompson	Carbon Natural Me	Planet Earth and Beyond	3rd

Highly Commended: Cameron Adams, Bradley McCarthy (and Special Prize), Jack Webber and Sam Gunn (and Special Prize), Ben Ross and Alex Facer, Lachlan Dean, Andrew Davies and Alistair Campbell, Joe Duncan, Stuart Campbell, Xavier Edmonds (and Special Prize).



Invention Motivation

The motivations for and processes of invention are hugely varied. From the Wright brothers' obsession with flight, to Alexander Fleming's 'discovery' of penicillin, the course of human creative endeavour can take unpredictable paths. The Year 3 boys studied inventors and the impact they have had on daily lives as part of their social science inquiry. In class, they researched famous inventions and quizzed their grandparents about technological developments that have taken place over their lifetime. The boys were fascinated to learn that bread was once sold unsliced, motor mowers haven't always been motorised and milk came in glass bottles, and was delivered to your house!

The theme of the past informing the present, and the future, was continued on their trip to the Museum of Transport and Technology

(MOTAT). In the MOTAT classroom, the boys were encouraged to think about what an invention is and what might inspire someone to invent something. By matching old products with new ones that serve the same function, such as a candle and lamp or ink quill and typewriter, they saw how inventions have developed over time and also learnt about the difference between invention and innovation by examining the multitude of shapes and sizes that cameras and telephones have taken over the years, to the point where the two are combined!

Judging by the fervent discussions taking place on the bus back to school, the trip definitely gave the boys food for thought ready to put their thinking hats on for their own inventions!



The Lion King Jr

'The Lion King' is familiar to young and old as a most successful, animated Disney movie. Maybe not so well known is that it is also a long-running theatre show. Since it was first staged in London 17 years ago, 'The Lion King' has become the highest grossing stage show in history – even surpassing 'The Phantom of the Opera.'

Whilst the show has yet to tour to New Zealand, the fortunate few who have seen it live on stage say that it is an awe-inspiring spectacle of African rhythms and amazing costumes, with moments of heart-stopping drama tempered with a huge amount of fun! In short, a perfect choice for our boys!

Shore Road may not be the West End or Broadway, but the Boys' School version of this mightily appealing show is set to go down in Saint Kentigern history as one of the most visually engaging shows ever!

When Disney first released 'The Lion King Junior' as an adaptation for younger students, Director of Music, Mrs Janet Grierson, knew immediately that this was a show that would have huge potential. With its familiar, yet exciting score and the immense design possibilities for costumes and set, the show presented a fantastic challenge to produce an upbeat production with broad audience appeal.

One of the greatest challenges would be to transform young boys into a range of convincing African animals and so talented Head of Art, Mr Tom Barter was called on. With help from parents, the most amazing animal headpieces and props were created to transform the JC Chalmers Hall into a convincing African Savanna!

The story is well-known. The birth of young lion prince, Simba (Leo van Druten), pushes Scar (Quinn Thompson), his evil uncle, back to second in line to the throne. Bitter at his arrival, Scar plots to kill both Simba and his father, King Mufasa (Isaac Mellis-Glynn), opening the

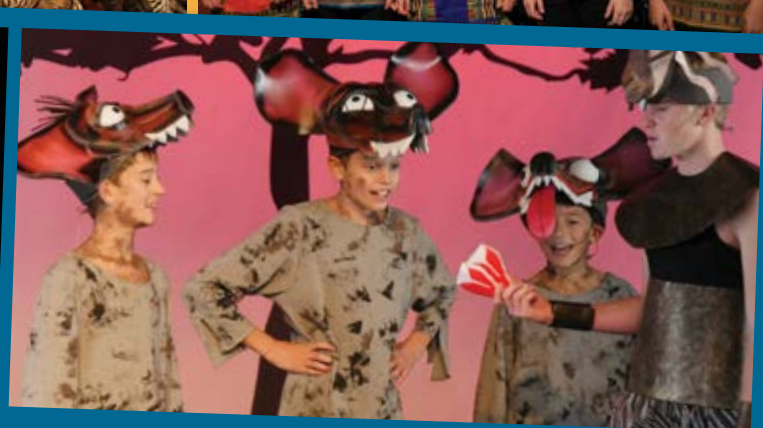
way to proclaim himself as King, but his plans become derailed, when unbeknown to him, Simba survives.

The show opened with the imposing figure of Rafiki, majestically played by Benjamin Ross calling the animals to Lion Rock for Mufasa to present his new son. Benjamin was an imposing figure with strong vocals who commanded the stage each time he entered. As he sang 'Circle of Life,' the stage slowly filled with the most amazing animals from lions, zebras, gazelles and giraffes to a huge grey elephant and many more besides! The performance throughout was backed by a strong, off-stage choir all dressed in a rainbow of African colours.

As Simba grew from a young cub to a lively young lion, his father, Mufasa warned Simba not to stray beyond the boundaries of Pridelands, putting the cheeky hornbill, Zazu (George Beca) to watch over him. Along with Nala (William King), the threesome head off, but the young lions shake off their minder as Simba brags, 'I just can't wait to be king.' Leo proves that he has a fine singing voice for this role.

At the forbidden elephant graveyard, they are cornered by three cackling hyenas (Benjamin Graham, Oscar van Druten, Nicholas Davies) who play the part to a tee. As they arrive on stage, we are once again reminded of the amazing work that went into costuming.

Cross with Simba, Mufasa arrives to scare off the hyenas, telling Simba that being brave does not mean being reckless. He tells his son of the 'Great Kings of the Past' and how they watch over everything. 'They live in you', sung by Mufasa, is one of the more haunting songs of the show.



Scar is never far away and Quinn delivers this role with due malevolence. In a despicable act, he leads Simba to a gorge, trapping him as a herd of wildebeest storm through. As his father attempts a rescue, Scar pushes Mufasa to his death, convincing the young lion that he has caused his father's death. As Simba flees Pridelands, Scar instructs the hyenas to kill him but even they cannot be that cruel.

Hungry and exhausted, Simba collapses and vultures move in for the kill – only to be scared off by a flatulent warthog, Pumbaa (Regan Nash) and fellow meerkat, Timon (Jack Webber). Regan and Jack bounce off each other in comic levity and also bring strong singing voices to the lively 'Hakuna Matata' as they introduce Simba to their laid back lifestyle.

Pridelands suffers under Scar's tyrannical rule and even though he now has the position he coveted, he is still not happy and alarms Nala when he propositions her. Upset, she vows to seek help and the lionesses and Rafiki offer a blessing as Nala sings the mournful, 'Shadowlands.' William is to be applauded for this delivery.

In the jungle, Pumbaa is chased by a lioness, when Simba steps in and recognises his childhood sweetheart, Nala. In singing, 'Can you feel the love tonight,' Simba and Nala are brought closer together and it is Nala who persuades Simba to have the courage to finally return and claim what is rightfully his.

The Boys' School stages a production every second year. With a show as strong as this, two years seems a long time to wait for the next one! Congratulations to the boys involved – over 100 onstage and behind – you were fantastic!



Behind the scenes

Transforming young boys to stage animals was the task of Head of Art, Mr Tom Barton. Discovering that many movie props are made from EVA foam, the material commonly used as camping mats, he'd found the perfect material for the props. The material is light weight, easy to cut and sand, and has the ability to be formed into any shape using a hairdryer.

Over 26 EVA foam animal props and a further 22 props made from felt and construction card were created in the weeks leading up to the play with assistance from parents, Jacqui Higgins, Fleur Baker, Jo Baker, Anna Illingsworth, and Lisa Graham.

It was a thrill for all to see how well the masks and animal props came together with the costumes, music and acting. This made for a truly magical experience for both the audience and the involved in the production!

Speech Competition

Winner of this year's Elsie Moore Memorial Cup for Senior Speech, Mitchell Eglinton, highlighted an area of growing concern across the globe – the impact that 'device' connectivity is having on the very core humanity and our ability to communicate in 'real time.' Delivered with poise and conviction, Mitchell was a deserving winner - however, it wasn't easy to pick!

Middle School winner, Fionn Steel Smith spoke about 'The Meaning of Parent Talk,' explaining that what they say and what they mean are not always the same thing!

This year we welcomed professional communicators, Maggie Eyre, Kate and Ben Hurst to adjudicate the competitions. They marked the finalists on speech construction, delivery and presentation, content and engagement, use of language and the overall impact – the winning boys ticked all the boxes!

All the competitors spoke with passion and charisma and truly showed why they were selected to be in the final.

SENIOR SCHOOL WINNERS

First: Mitchell Eglinton
Runner-up: Joe Duncan and Jack Sandelin
Special Mention: Thomas King

Senior School Finalists: Isaac Mellis-Glyn, Thomas King, Will Tisdall, Quinn Thompson, Jack Webber, Louis Eglinton, Jack Sandelin, Akash Mudaliar, Harrison Waymouth, Mitchell Eglinton, Joe Duncan, George Beca.

MIDDLE SCHOOL WINNERS

First: Fionn Steele Smith
Runner-up: Sam McLeod
Middle School Finalists: Benjamin Hardie, William Ormond, Joshua King, Theo Washington, Daniel Haines, Fionn Steele Smith, Sean Trombitas, Sam Paris, Sam McLeod, Patrick Healy.



Flute Choir Entertain

Boys' School Year 8 student, Akash Mudaliar regularly volunteers at the Elizabeth Knox Rest Home and Hospital in Epsom. He suggested that it would be nice idea if the Flute Choir could perform to the residents and so five boys from the Flute Choir performed a 20 minute programme of solos and group items to a large audience of appreciative residents and staff.

Following the performance, the boys talked with the residents. For some of the boys it was a new experience to interact with older people no longer able to care for themselves. They rose to the occasion respectfully and politely. The performance was enjoyed by all and the boys were encouraged to return again soon.



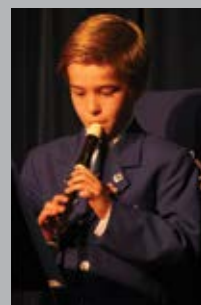
Musical Extravaganzas

On two occasions this term, musicians from the Senior and Middle Schools entertained parents and friends at evening concerts in JC Chalmers Hall. These were occasions for both emerging and experienced musicians to share their musical programmes.

The itinerant music programme at the Boys' School continues to thrive with large numbers of boys taking the opportunity to learn an instrument and become part of an ensemble.

The evening concerts are great confidence builders as each boy, albeit slightly nervously, introduces himself and the name of his piece. When they finish playing, it's fantastic to see their huge smiles knowing that it was a job well done!

At the Middle School concert, Principal, Mr Peter Cassie said, 'When I see these 'little angels' in our choir, I find it hard to believe that it's the same boys I see rough and tumble on the field at lunchtime!'





Plan – Shoot – Edit



The art of telling stories appears in many guises across the Boys' School curriculum. It is an explicit part of learning to write, as tales conjured from students' imaginations are put to paper and keyboard. In speechmaking, students

learn to sell the story they are telling with persuasive writing and oratory skills. In the social sciences, students research and retell the stories of early New Zealanders, history makers and people from other cultures. In Christian education, the stories of the Bible provide valuable lessons for the students to relate to their daily lives and behaviours. When they reach the Senior School, the boys who take Media Studies as a course option learn to apply their storytelling abilities to make videos using digital cameras, editing software and a green screen!

The unit starts in Year 7 with the boys learning how to take effective photographs, looking in particular at nature, symmetry, framing, lighting and positioning. Applying these same skills, the boys go on to learn how to use Moviemaker, with the first assignment to work in groups to create a short film with the same premise – a disappointing lunch! Using what they have passively gleaned from their viewing habits, the groups build anticipation and excitement as the lunchbox is opened, then annoyance and frustration as the contents are revealed. They then watch a professional example using

the same idea and analyse the similarities and differences between the two, and how they could improve on their original version.

The boys then research and study how to convey meaning through what they capture on screen. They learn what is implied by the different types of camera shots and angles, such as wide shots to establish setting, close ups to reveal emotion, and low angles to impart power in a character. Their knowledge is further enhanced with an exploration of how reality can be distorted through the camera lens with techniques such as forced perspective, and they also hear from experts working in the field to broaden their sources of information.

With this experience under their belt, the students use film storytelling principles to create a four-minute trailer for a book of their choice. Assuming roles such as director, producer, editor, and cinematographer, the boys work together to storyboard the shots they intend to take. They then execute the plan, while working to solve any problems they encounter, such as continuity if filming over two days with different light conditions. At the end of the unit they are able to demonstrate their understanding of script writing, different camera shots and effects, moving image conventions and editing processes to make media products that can entertain, inform, and challenge. This is supported by theoretical knowledge of how the media operates, and of their own relationship with media so they can be critical, active, informed and responsible citizens.



EPRO8 Challenge

Last term two teams of four students from the Boys' School, representing Year 7 and Year 8, entered the EPRO8 technology challenge competition.

EPRO8 pits teams of students against one another to complete a variety of tasks in a set amount of time. Each team was located at a workstation that contained an impressive assortment of equipment, including gears, wheels, pulleys, weights, tools, aluminium framing, motors and electronics. Working quickly and collaboratively, the teams were required to plan/design and build a model Mars rover, cranes and swing, all within certain specifications and under time pressure. The heat was on!

Competing against seven other schools, the boys were racing against the clock to gain as many points as possible. The Year 7 team just missed out on going through to the next round with their Mars Rover whilst the Year 8 team came first equal with Glen Eden Intermediate School. Congratulations to all the boys for showing outstanding collaboration, critical thinking and perseverance, they did us proud!

Competing against seven other schools, the boys were racing against the clock to gain as many points as possible. The Year 7 team just missed out on going through to the next round with their Mars Rover whilst the Year 8 team came first equal with Glen Eden Intermediate School, qualifying for the semi-final. The boys also won the next round of the competition! Excitement was high for the finals but against stiff opposition they had to settle for 7th place. Congratulations to all the boys for showing outstanding collaboration, critical thinking and perseverance!

Year 7 Team: David Ryder, Ben White, Matthew Vaughan, Alexander Coates

Year 8 Team: Marcus Findlow, Matthew Chandler, Kevin He, Nathan Bailey



Cooking with Science and Design!

Cooking can be described as both an art and a science. The Year 4 students worked on a project which combined the two! The project culminated with a trip to the Food Technology kitchen at the Girls' School for some hands-on learning.

The theme for the boys' Science and Technology lessons was that understanding the way materials behave and interact, determines how people use them. In Science, the boys had been looking at the processes of mixing, melting, and dissolving, and applying these to the concept of a fair test. Fair testing is the process of changing one variable of an experiment at a time while keeping all other conditions the same. The boys explored the variables that impact on how sugar can be mixed, melted or dissolved, and showed how heat can speed up a change in some materials.

To complement the Science work, the Technology lessons saw the boys designing suitable containers to store confectionery. They were encouraged to think of food products as a whole, from the original ingredients to the finished packaging. The task was to identify the criteria required to create an effective confectionery box by comparing and categorising existing designs. They then brainstormed a variety of possible plans before selecting one final design that they would create.

The two learning strands came together on the trip to the Girls' School. With assistance from parent helpers, the students created a number of tasty treats including truffle balls, rocky road and lemon coconut surprise. They then moved into the Textiles classroom to construct the final design of their confectionery box. The test here was to see if the box would transport their food products home safely to be shared with others!

The boys took away practical knowledge of hygiene practices in the kitchen, the importance of measuring accurately and the various processes involved in cooking while developing their conception and design skills.



There was great excitement amongst our Year 3 boys when the first of their chicken eggs began to hatch! A set of ten fertile eggs was delivered in incubators to each of the Year 3 classrooms and after a day or two, the bedraggled chicks emerged blinking into the world to soon dried off and fluffed up into healthy looking yellow bundles of life!

The eggs were supplied by the Living Egg company which specialises in providing all the equipment required for a ten day stay in a school classroom. After arriving in a warm incubator, once hatched and ready, the chicks move into a brooder box for their next stage of development. Both boxes have big, clear windows so the boys can observe all the action.

Prior to the arrival of the eggs, the boys had discussed not only about the life cycle of chickens from a scientific perspective, but also about how they would care for them in the classroom to ensure that the young birds had the best start to life. And when the time comes for them to say goodbye, they are happy to know that the Living Egg company will rehome them on free range farms.



Yes, it's definitely Spring!

Spring was heralded at the Boys' School when some early spring lambs paid a visit to the junior classes. Former science teacher, Mrs Denise Coleman returned to school with her three pet lambs from her son's farmlet in Clevedon. Lola, Pebbles and Gracey arrived in nappies to ensure there were no accidents in the car on the way!

The boys had a chance to observe, pet and ask the kind of questions only curious boys can ask, like 'How come they have the same dad but three different mums?!' Other questions were easier to answer like, 'How often are they sheared?' 'How long do they live for?' 'Why do they have tags on their ears?' 'What happens to their tails when they're cut off?' And the slightly more tricky perennial boy question, 'How fast can they go?'

It's not often that city boys have the chance to interact with farm animals and so this visit was particularly special. Our grateful thanks to Mrs Coleman for coming to visit the boys.



Winter Sports Tour

With thanks to Mr Duncan Grant, Sports Director

The 1st XI Football, 1st XI Hockey and the 1st XV Rugby headed off on their Lower North Island Winter Sports Tour earlier this term, beginning with a flight to Wellington. Wellesley College kindly billeted the boys on the first night and the boys experienced the capital through the eyes of their hosts.

After a visit to Te Papa Museum the following morning, they headed to play Wellesley College at midday. All games were tightly contested. Hockey won 7 - 0. Football played on a state of the art artificial turf and won 4 - 1. Rugby was played on a somewhat tightly marked field but the boys came out winners 34 - 19!

Next was Scots College where the boys were billeted for the next two days. Game day was a true Wellington day with pouring rain and howling wind. Hockey won 10 - 0. Football won 7 - 0 and Rugby won 36 - 19. In the afternoon the boys relaxed with a spot of ten pin bowling and then were hosted by Scots College for the evening.

On Thursday they packed all their gear and headed off to the mighty Manawatu. After a clean sweep of the Wellington schools the boys were confident in heading into their last fixture against Huntley School. In Marton that afternoon, the hockey proved to be the toughest game of the tour but the boys won 4 - 0.

Boys were billeted all over the Rangitikei district, mainly on farms. A great experience had by all. They awoke to a temperature of 5 degrees and a howling southerly wind with horizontal rain. A classic Manawatu mid-winter day! The football boys played first winning 19 - 0. The rugby boys faced a tough battle against a hard playing team in muddy conditions, eventually won by Huntley 6 - 3.

After an action packed and enjoyable week it was on the plane and back home to Auckland. It was an amazing experience for the boys where they played some incredible sport and were absolute true ambassadors for Saint Kentigern.



Let the Games Begin!

While the world's best athletes were competing for Olympic glory in Rio, our own future Olympians put their sporting prowess to the test at the Junior School Mini-Olympics, complete with an 'official' opening ceremony.

Divided into countries from the five continents, the boys marched proudly behind their flag bearers as they did a circuit of the Junior School past a crowd of camera-ready onlookers! Our athletes in Rio may have been competing in balmy, tropical conditions but we breed them tough in New Zealand - it was a brisk 6 degrees when the boys stepped outside!

The Olympic flag was carried in, the 'flame' was lit and it was left to the student hosts to commence proceedings. MCs for the morning, Cooper Thomas and Jaden Lee, gave a brief history of the games before Frankie Fitness took the Olympic Oath in English, followed by Edward MacCulloch, reading it most beautifully in French! Under a Grecian Arch - of cardboard boxes - Mr Cassie declared the games open!

It was then down to the serious business of competing for medals! The Boys' School may now well hold world records for paper plate discus, noodle javelin, wheat bag shot put and most artistic roly polies!



Cross Country

Superb sunshine blessed two fantastic mornings of racing for our boys in Years 0-8 – a welcome relief after the ‘wicked’ weather that has dogged the last two years!

The boys in Years 4-8 gathered on the College grounds in House groups ready to race, taking it in turns with the Girls' School to line up, age group by age group. Despite the sunshine, earlier rain turned parts of the track to ‘squelch’ resulting in more than a few one shoe finishers! As always, competition was fierce amongst the leading pack as the boys dug in for House points and the chance to represent the School at zone level.

A week later the Juniors hit the track at the Boys' School giving it their all with the winners proud to take their place on the podium!

Well done to all the boys!



1st	2nd	3rd
Year 0 Champions		
Jackson Fawcett W	Eddie Robinson H	Connor Gillard C
Year 1 Champions		
Ben Cleaver W	Benjamin Durose Ch	Harley Evans Ch
Year 2 Champions		
Miki Cronnin W	Toby Wigglesworth C	Nathan Lindross C
Year 3 Champions		
Max Trankels H	Leon Hardie W	Jacob Hageman C
Year 4 Champions		
Oliver Hardie W	2nd = Tom Butler C Ollie Davies C	
Year 5 Champions		
Ethan Knox C	Hugo Wigglesworth C	Luca Robertson H
Year 6 Champions		
James Ford W	Brodey Warren H	Oliver Rowntree C
Year 7 Champions		
Cole Osborne C	Jack Mitchell W	George Beca C
Year 8 Champions		
Vinay Chichester H	Matthew Larsen C	Henry Hauser C

HOUSE POINTS	
1ST	CARGILL
2ND	CHALMERS
3RD	WISHART
4TH	HAMILTON



Eastern Zone Cross Country

The best Year 7 and 8 runners went to compete at the Eastern Zone with the top five places counting for the overall team positions. Vinay Chichester and Cole Osborne both came 1st in their race and along with their team mates, both teams placed first qualifying for Inter Zones. Excellent effort boys!

Year 8 Team: 1st

Vinay Chichester 1st, Matthew Larsen 8th, Henry Hauser 10th, Isaac Mellis-Glynn 20th, Charlie Glass 21st, Zachary Hughes 23rd, Charles Swain 30th

Year 7 Team: 1st

Cole Osborne 1st, Jack Mitchell 4th, Archie Nightingale 10th, George Beca 12th, Luke Hair 13th, Eddie Chaytor 14th, Nicholas Davies 15th, Sebastian Hardie 23rd

Inter-Zone Cross Country

Well done to Vinay Chichester for placing 2nd at the Inter-Zone event!

The Year 7 team also placed 1st and the Year 8 team 2nd.

Ten Medals at AIMS Games!

This was the best year yet for our students at the AIMS Games in Tauranga! One of the biggest sporting events in the southern hemisphere, with over 8000 athletes representing 260 schools, this was a non-stop week of competition where the medals came fast, especially in and on the water!

The first medal of the games came early in the week from Year 8 sailor, Monty Alderson. Monty won gold in 2015 as a Year 7 and backed it up with another gold in the Year 8 division this year, also becoming the overall winner of the regatta, against 79 other competitors from 21 Schools.

The fickle conditions ranged from no wind on the first day, to squally westerly winds on the second, where only seven yachts finished. Monty was able to concentrate on his sailing, and watched other rivals fall victim to disqualifications and gear damage to eventually win with ease.

Jourdan Klink's haul of swimming medals tallied to a gold, four silver and bronze in the individual events with a bronze overall when all the points were added. Later in the week, Jourdan joined his waterpolo team-mates (Joshua Fenton, Adam Tamati, Zach Hughes, Sam Don, Guy Hunt, Jack George, Harry Defour, Oliver Avis) to secure gold in the pool after beating St Peter's 9-3 in the semi and Mt Maunganui 7-4 in the final. This win was particularly satisfying for the boys after being beaten into silver place by Mt Maunganui earlier in the term at the Winterfest tournament. At Winterfest, Jourdan was noted for his skill and was awarded an Outstanding Player Award. The team also went on to win the Tim Sonderer Memorial Tournament at the end of term beating Sacred Heart 7-3 in the final. In a double, the B team also won their section.

The final medal went to tennis player Max Dickey who won silver in the boys' singles. Max played well throughout the tournament eventually succumbing in the final to the number 1 seed.

The Boys' School also fielded a basketball team at the games and four boys joined with the College for a combined football team. While not so successful, they too had a great experience meeting players from all over the country.

Well done to all our competitors, but especially the winners



Ski ThrePEAT!

With two wins in the last two years at the North Island Ski Championships, this year's Boys' School North Island Primary and Intermediate Schools Ski squad were keen to win! This was evident when they got together and spent hours making sure all their skis were in top shape for the week!

The Giant Slalom was on day one. In this race the boys had two downhill runs around gates to post their best times. All the boys finished within the top half of the field and the A team had four top 10 finishes out of 167 boys. The rankings were: Jack Harman 2nd, Jack Mitchell 3rd, James Stanfield 5th, Tom Hope 9th. This gave them a slim two point lead.

The final day brought still conditions and a flat light making the task hard for all skiers but giving it their all, the A team gained 18 out of 20 points, making the victory certain. The B team also placed in the top half of the field. Well done boys!



Father and Son Breakfast

A sell-out crowd again this year saw 380 sons and their dads arrive early on each of two mornings for a hearty start to the day. Chairperson of the Parents and Friends, Mr Simon Ward welcomed the special guest speaker for the morning, Cam Calkoen. In his introduction, he said that we may not have heard of Cam but after hearing his words of inspiration, we would be unlikely to forget him.

All of us battle difficult times in life, but Cam has battled things that most of us take for granted – like learning to walk and talk; for Cam was diagnosed with cerebral palsy as a child. Rather than hold him back, Cam has faced life with a positive attitude using the words, 'Get Awesome!' as his mantra. Instead of seeing shortcomings in his life, he understood early on that life is what we make it. When we are comfortable with who we are and feel good about ourselves, we can start to live big and think 'Awesome!' Awesome is a word that makes us stop, smile and think! What can you do to make your life awesome? Create challenges for yourself and be more than you ever expected yourself to be! Dream big and achieve more!

Principal Mr Cassie, echoed Cam's words, saying, 'Boys, take risks, be prepared to fail, learn and move on. Being resilient to these set-backs will set you up for life!'

Our thanks to Cam for sharing his story with us. Our grateful thanks are also offered to Cath Costello and her team of mothers for getting the morning underway. Cath and her organising committee were supported by two teams of 30 mums who came in each morning to assist in the serving, clearing up and resetting of the breakfast feast. A huge thanks to the 44 mums who baked the now traditional 'Father and Son Bacon and Egg pie!'

Our grateful thanks to the following sponsors: Heather Walton from Ray White Real Estate, Epsom, Martin Smith, General Manager of Collective Hospitality, David Burton from Jacks Coffee and the Bason Family with their Venluree trucks! Thanks also to Pacific Linen, Charlies Juice, Corporate Rentals and Pulse Party Hire for their generous discounts.

The 'Breakfast Crew'

Our thanks to the committee of mothers who helped: Cath Costello, Becky Routley, Jo Rowntree, Rebecca McLeod, Denise Pollard, Sarah Wilby, Victoria Halford and Michelle Ongley.



Hockey 2nd in Auckland

After an earlier clean sweep at the Eastern Zone competition our Hockey 1st XI progressed to the Auckland Championship tournament, making it through to the top two, final game.

Pool play began with a disappointing loss to Glen Eden 3-1. The boys re focussed for the next game and had a convincing 5-0 win against Sutton Park. The last pool game against the East Counties team resulted in a 5-1 win. The semi-finals game against Mahurangi was a fantastic display of concentration and focus, coming out the victors 2-1. The finals was a rematch against earlier opponents, Glen Eden. Our boys showed great team work and sportsmanship but Glen Eden were the victors, 1-0 but the boys are still proud to be placed 2nd in Auckland.



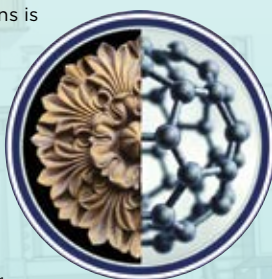
Building Minds Building Futures



Roselle House is ready for renovation! The rooms have been cleared and the old house is silent after the administration team relocated. We now await the arrival of contractors to begin the extensive renovation project. The top floor of Roselle House will be transformed into a high tech Learning Commons

for the boys, including a new Library and modern learning spaces. With an estimated completion time of 12 - 15 months, we are looking forward to moving back into Roselle House late next year.

The Roselle Learning Commons is the first stage in our Building Minds Building Futures campaign. Stage two is the development of a state-of-the-art Science Centre in the existing Library block. These two projects will provide exceptional facilities to enhance our boys' learning and enable the latest teaching practices.



Can you help?

It is not too late to be part of our Building Minds Building Futures campaign.

Recognition Opportunities



The **Tree of Knowledge** symbolises the growth, learning and exploration that the Roselle Learning Commons will inspire. The tree will be a crafted work of art - its branches spreading wide across the wall of the main staircase in Roselle House. Donors may purchase a bronze, silver or gold leaf, to be inscribed with their family name, as a permanent reminder of their contribution to the redevelopment of Roselle House.



Inspirational Quotes by famous people will be prominently displayed in both the Roselle Learning Commons and the Science Centre. Donors may select a quote to purchase and will be recognised with their naming details alongside the quote.



Equipment packages

Fit out of Media room/editing suite with film, recording and mixing equipment. The provision of high-end media studies equipment will allow the boys to experiment and create with the latest technology.

For information on how you can help please visit our website or the School. We would love to explain the many ways your family can leave a legacy for future generations of boys here at Saint Kentigern Boys' School.

Our grateful thanks to the following donors

Thank you so much to the following members of our School community who have supported our Building Minds Building Futures campaign to date - we really appreciate your willingness to be part of this exciting development.

Anonymous x 10
M & S Acland
Devon, Spencer & Angus
Banks
D Beullens & C Beddow
N & S Bowden
G Bowkett
Carr family
Nico Catley
Jamie Cearns
P Chandra & S Ludher-Chandra
N & J Cheeseman
P & R Collins
Haemish Crawford
A & K Daly
J & A Dalzell
A & A Dennis
Graham & Sue Don
Durose family

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A Kriebbaum
Lane family
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Lepionka family
Jietae Li & Ling He
J & J Love
Lyne Geary family
S & S MacGill
B & Z Matheson
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Mellis-Glynn family
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