



Pūtahi maunga, tū te ao, tū te pō.

Tēnā koe e tū mai nā hei herenga tāngata, hei herenga kaupapa, hei herenga kōrero.

Whakawhiti mai nei ki Pārahirahi e tū ana hei āhuru mōwai mō tātou katoa. Whakarongo atu rā ki a Wairoro e rere mai nei. Whakawhiti mai ki Ōtuhi hei wāhi hākari mō te iwi.

Tēnā koutou katoa.

Kei te whānau ataahua o Te Kura Tuarua o Te Tai Tokerau, nei au e whakamānawa atu! Ko te manako ia e tūperepere ana te ora i roto i a koutou katoa i tēnei wā.

What a full-on and amazing term it's been! Our girls' basketball team attended the upper north island basketball tournament for the first time, students led a Kiwitag tournament for local schools, mock exams, learning conferences, The Prom, Gala Day and Te Arahura Winter Sports Tournament (and these are just some of the key kaupapa NC has been involved in) - me whakatā ka tika! Thank you to all of our amazing staff and students who have made these amazing opportunities happen. Make sure you all have a well-deserved break and recharge ahead of Term 4.

Yesterday the government announced details on their attendance policy. I want to acknowledge the whānau who support both your tamariki and our kura by ensuring they attend regularly, on time and are always prepared for learning. I believe we have some excellent processes and a robust attendance plan in place right now. This week, 56 ākonga had a celebration lunch in Paihia because they had 90% attendance or better for Term 3. An additional 47 students received vouchers to acknowledge their improved attendance (20%+) for the term. Ka mau te wehi e hoa mā! Awesome.

As Term 4 approaches I take this opportunity to encourage our senior students in particular to rest and rejuvenate while you can before stepping up to the challenge from October 14 onwards. External examinations can be daunting but it's all about preparing well and taking confidence from this. In the past seniors have gone on study leave from about week four of Term 4. This year our timetable will continue uninterrupted for senior students to support the completion of internal assessments and the preparation for external exams. Kia kaha tātou.

E mihi ana ki a koutou e te whāmere.

Ngā manaakitanga
Duane Allen
Tumuaki



Mathematics Faculty

Listed below are the Standards offered next year for each senior class level.

Mathematics and Statistics Matrix

Level 1	Level 2	Level 3
US32406 Use mathematics and statistics to meet the numeracy demands of a range of situations Internal-10 credits	AS91256 2.1- Apply co-ordinate geometry methods in solving problems Internal-2 credits	AS91574 3.2- Apply linear programming methods in solving problems Internal-3 credits
AS91944 1.1- Explore data using a statistical enquiry process Internal-5 credits	AS91258 2.3- Apply sequences and series in solving problems Internal-2 credits	AS91580 3.8- Investigate time series data Internal-4 credits
AS91945 1.2- Explore mathematical problems that relate to life in Aotearoa New Zealand or the Pacific Internal-5 credits	AS91259 2.4- Apply trigonometric relationships in solving problems Internal-3 credits	AS91581 3.9- Investigate bivariate measurement data Internal-4 credits
AS91946 1.3- Interpret and apply mathematical and statistical information in context External-5 credits	AS91264 2.9- Use statistical methods to make an inference Internal-4 credits	AS91582 3.10- Use statistical methods to make a formal inference Internal-4 credits
AS91947 1.4- Demonstrate mathematical reasoning External-5 credits	AS91269 2.14- Apply systems of equations in solving problems Internal-2 credits	AS91587 3.15- Apply systems of simultaneous equations in solving problems Internal-3 credits



	AS91265 2.10 -Conduct an experiment to investigate a situation using statistical methods Internal- 3 credits	
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Level 1 math students are completing their second internal assessment-AS91945

1.2-Explore mathematical problems that relate to life in Aotearoa New Zealand or the Pacific
Internal-5 credits.

Our Level 1 students have also been entered into the 2 external Achievement Standards. The first external assessment is set for 30th October [AS91946 - 1.3 Interpret and apply mathematical and statistical information in context - 5 credits]. The second external assessment will be carried out in November [AS91946 - 1.4 Demonstrate mathematical reasoning - 5 credits]

Level 2 math students have completed 4 Achievement Standards - [AS91264, AS91256, AS91269 & AS91259]

They are preparing for their next assessment [AS91258]. This will give them 13 credits in total. Resits will be conducted next term.

Many students have also opted to sit the Algebra & Calculus externals.

Level 3 math students have completed 3 Achievement Standards - [AS91582, AS91581 & AS91587]

They are on track to complete the University Entrance in Mathematics.

Our Junior school will continue its teaching program covering topics from the 3 strands: Number and Algebra, Geometry and Measurement, and Statistics.

Please contact us anytime for any inquiries at Ph: 4013200, You are more than welcome to come into school and discuss any matters regarding our teaching program and student progress.

Cheers to you all from the Maths Faculty



Kotahitanga 1st XV Rugby goes down in epic Semi-Final!

With only sixteen players Te Kotahitanga 1st XV almost conquered all odds before losing narrowly 22-21 to the minor championship winners, Bream Bay.

Playing into the wind Te Kotahitanga was up 14 points to 5 at halftime. Ten minutes before the end of the game one of our players was sent off for a dangerous tackle. Bream Bay scored immediately however Te Kotahitanga fought back and scored again. With twenty seconds to go Te Kotahitanga was awarded a penalty. The team took a 'tap and go' option instead of the higher percentage kick for the lineout. The tap was incorrect, Bream Bay were awarded the scrum, attacked, and scored.

Co-coach Te Rangi Allen remained immensely proud of his team's efforts, "I couldn't fault anyone as they were all heroes in their own right. This is our first year of actually attempting to win this competition and we cannot grow unless we are willing to make mistakes."

Allen made special mention of some key players. "I must mention Zyon Johnstone who kept us in the game with superb tactical kicking and nailed all his conversions from the sideline. We can look forward confidently to next year knowing that we have a 1st five that can navigate us around the paddock." He also congratulated those players who have been recognised with representative honours: Te Kura Kaupapa Māori o Kaikohe's Boycee Kara (Taniwha Under 16) and Haare Kapa (Taniwha Under 18), also Te Kura Karaitiana boys Tumu Brown (Northland Swords Under 16), and Mark Davis (Northland Swords Under 18).

Co-coaches Allen and Koro Edmonds, along with manager, Zephaniah Emile, were incredibly grateful for the support from our kura and whānau.



Storytime Tour Visiting Author - Philippa Werry



As part of the Northland Storytime Tour in August 2024, our students had the incredible opportunity to meet award-winning author Philippa Werry. During her visit, Philippa shared her inspiring journey as an author, beginning from her childhood. She presented her book *Armistice Day* and captivated everyone with excerpts from her novel *Quarantine*. The students thoroughly enjoyed her engaging storytelling and felt fortunate to receive a copy of one of her novels as a special gift.



Philippa reading to students



'Quarantine' was gifted to Northland College



ENGLISH

Level 2 & 3 Assessment Update

Congratulations to Our Students!

A huge congratulations to all students who participated in the mock examinations this term! Your commitment to your learning and willingness to engage in this process is commendable.

As we approach the end of the term, most students have completed their final internal assessments in senior courses and are now preparing for external examinations. To ensure success, it's essential to maintain this commitment, particularly through extensive essay practice.

Important Dates for English External Examinations:

- **Level 3 English (91473):** Wednesday, November 6th (AM)
- **Level 2 English (91099):** Thursday, November 7th (AM)

Best of luck to all students as you prepare!

Whaea Maria

Level 1 English Assessment Update

During Term 3, our Level 1 English students successfully completed the **internal assessment AS 1.2: Demonstrate Understanding of Specific Aspects of Studied Texts**, earning 5 credits. Well done to everyone for your hard work!

Looking ahead, next term will see students sitting the **external assessment AS 1.3: Develop Ideas in Writing Using Stylistic and Written Conventions**. This assessment involves crafting a piece of writing between 350-750 words. To ensure our students are well-prepared, we will conduct a persuasive essay writing session in class.

In the last week of October, students will have three periods of class time to complete their writing under examination conditions. This work will be submitted digitally and sent to NZQA.

Let's keep up the great momentum as we prepare for this important assessment!

Whaea Prineet



Bay of Islands Beast

6.5km off-road, cross-country event held at Haruru on 23rd August 2024

Well done Team NC!



TAUPO BAY & TUTUKAKA

KIDS HOLIDAY SURF PROGRAMME

SPRING & SUMMER 2024/25

FREE for 11-18 yr olds

Beginner & intermediate
Build water confidence
Develop surfing skills
Equipment provided

Limited Spaces | Email to book
surf@nzsurfacademy.co.nz




Break-Away
School Holiday Programmes

family & community services
ratanga ā-whānau, ā-hāpori
A service of the Ministry of Social Development



Eat a range of healthy foods
Kaingia ngā kai hauora

TIPS TO KEEP YOU SMILING

Fluoride in toothpaste helps prevent tooth decay

Avoid eating or drinking after brushing teeth.
Especially at night so the fluoride can keep working to protect and strengthen teeth.

Need a dental appointment for your child?

0800 MY TEETH (0800 698 3384)

Monday to Friday 8am to 4:30pm



0800 698 3384
(0800 MY TEETH)

Te Whatu Ora
Health New Zealand

SchoolDocs Policies

To view our school policies and procedures
please go to -

<https://www.schooldocs.co.nz/> and enter
Northland College in the search bar -

Welcome

Sign in to SchoolDocs

Username

Password

☒ Show

☒ Remember me on this computer

[Forgotten password?](#)

KAMAR Parent Portal

To view your student's attendance, details and
reports please contact the school office to get
your individual login details.

Cell Phone Ban

Ngā mihi to our ākonga who have consistently
supported our ban of mobile phones and
acknowledged our shared responsibility for
creating a learning environment that's just about
that - learning - ko koutou ā runga!

Uniform

Ngā mihi also to all of our ākonga who wear our
school uniform with pride and mana!



10 TTR Sumo Wrestling Tournament 2024

It's that time again! The 2024 10 Te Toi Rangī Sumo Wrestling Tournament, where our brave *Rikishi* (sumo combatants) go head to head in the hopes of earning the coveted title of *Yokozuna* (sumo grand champion). A big congratulations to Herewini-Hona who by a very narrow margin took out 'Big Vinnie' Leef in the finals to claim the Yokozuna throne!



Above & below: Brave rikishi battle it out in the 2024 NC Sumo Wrestling Tournament.





Above left: Pre-match ritual takes place as veteran sumo wrestler Matua 'Magic' Myk takes on Ngatoki Woods. **Above right:** For the first time in NC history, a doubles sumo match takes place. Here 'Big Vinnie' Leef and Tyson Compton go head to head with the team of Herewini-Hona and Te Haruru Kahui-Timoti



Above left: The championship final match between 'Big Vinnie' Leef and Herewini-Hona. Herewini won by a very small margin as the *Gyōji* (referees) ruled that 'Big Vinnie' Leef's foot went outside the ring first. Herewini received his special Yokozuna certificate at the school assembly (**above right**).

By Matua Kyle Sutton & Matua Reyne Hepi



Foraging for Medicinal Herbs!



As part of our kaupapa exploring the traditions and cultures of other countries through our own local knowledge, tikanga and understanding, 10 TTR went on a hikoi around the Northland College grounds to forage for locally grown mint which we then used to make the famous 'Moroccan Mint Tea'. A beverage very popular in North Africa and other parts of the Arab world.



Above & Below: Medicinal herb expert, Matua 'Magic' Myk, explains how rolling the mint in one's palms releases the aromatic oils!



Right: Iyanes Wilcox and Calais Kaho-Wynyard harvest locally grown fresh mint from the gardens of NC.



Traditional Moroccan Mint Tea made with locally foraged mint with North African dates on the side



Above: Moroccan Mint Tea with dates on the side.

Above left and middle: Rewi Tarawa and Matua 'Magic' Myk, demonstrate mastery of the 'high pour', a technique common in the tea industry; used to aerate the water, creating bubbles, texture and increasing aroma.



Above left: Having a cup of mint tea and North African dates with local tea man Matua 'Magic' Myk.

Above right: Members of the NC Gentlemen's Club, enjoying their dates and Moroccan Mint Tea - a big thumbs up!

By Matua Kyle Sutton & Matua Reyne Hepi
(with a special thanks to medicinal herb expert Matua 'Magic' Myk!)



An Introduction to Professional Tea Cupping

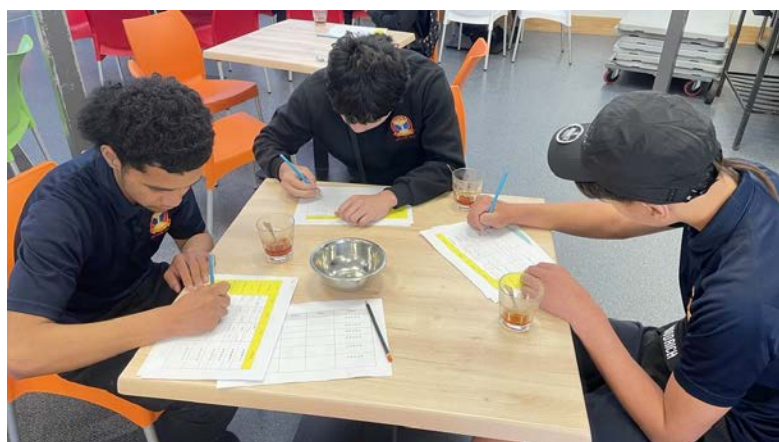
To finally complete our series of lessons on tea culture, students participated in a professional tea cupping. This is the term used to describe a professional tea tasting session where industry experts sample and grade a selection of teas from different origins.



Tea	Colour	Aroma	Taste	Rating
Earl Grey				☆☆☆☆☆
Ceylon Black				☆☆☆☆☆
Pu'er				☆☆☆☆☆
Herbal Fruit Tea				☆☆☆☆☆
Indian Spiced Tea (masala chai)				☆☆☆☆☆



Above: The tools of the trade; students were taught how to use the flavour wheel to give flavour and aroma *descriptors* for each tea. Students also used the *cupping chart* to record their findings and rate each tea out of 5. Lover of fine teas, Matua 'Magic' Myk tastes a classic Ceylon black tea and records his thoughts.



Above and left: The boys in 10 TTR busy at work, tasting, discussing and finally recording their thoughts on each of the 5 teas that they sampled. We were greatly impressed by their professionalism.

By Matua Kyle Sutton & Matua Reyne Hepi



Agriculture

IT'S CALVING TIME!!!!!!!

An excellent job rearing the calves by Peter, Buddy, Jordz, Indica, Cairo, Dzyre and Prestyn.





Ngā mihi
Whaea Geraldine Tilly

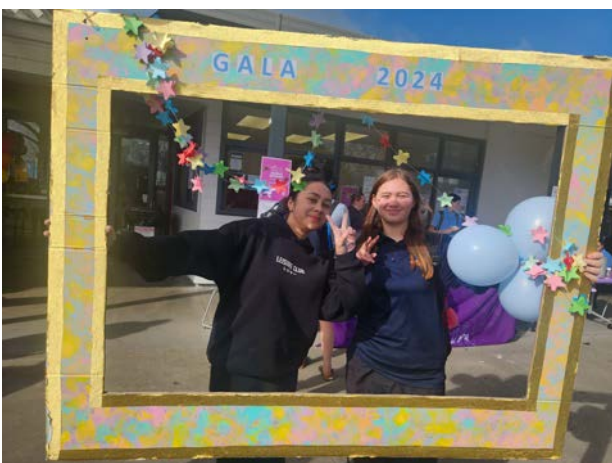


Carpentry





Gala 2024





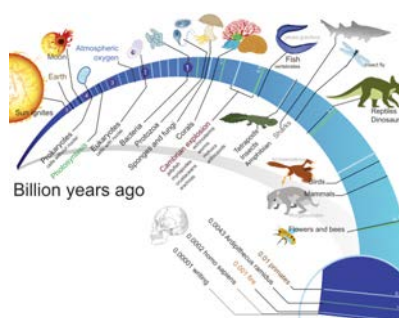
Science in Action: Dissections and External!

The Year 12 and 13 Science class have been knee-deep (literally!) in some of the most hands-on learning this term—dissections! Our budding scientists explored the intricacies of gas exchange by dissecting cow plucks (lungs and heart), fish, and even their gills and eyes. Dissections are not just about cutting things open—they're about understanding how different animals' gas exchange systems work and how those systems relate to their environment and their way of life. Whether it's a fish breathing underwater through gills or the mammalian lung system, these practicals allowed students to see firsthand the marvels of biology at work.

But the excitement didn't stop there. In AS91601, students conducted an important practical investigation, growing duckweed in varying concentrations of ammonium nitrate. This experiment highlights the impact of nutrient pollution on plant growth (eutrophication - green water pic below) —a real-world issue linked to water quality and ecosystem health. By examining how excess nutrients affect plant life, students are gaining insight into the challenges of managing pollution and protecting our waterways.

Of course, it wasn't all dissections and duckweed. The rest of the term has been focused on externals: Year 12 students are preparing for AS91157 and AS91156, while Year 13s are tackling AS91606 and AS91605. These papers dive into evolution, a crucial concept in understanding how life adapts and thrives (or doesn't) in changing environments. The students have been honing their skills in explaining how species evolve and adapt—a topic that couldn't be more relevant in today's climate.

Science is everywhere, and these students are learning to make sense of it all. From gas exchange systems to the importance of evolution, from exploring gas exchange systems to investigating the environmental impacts of pollutants, this term has been a whirlwind of science in action. With each practical and theory lesson, students are learning how science helps us understand and protect our world! It's clear that dissecting more than just organs helps us understand the world around us!



GAS EXCHANGE IN ANIMALS

We will be studying the diversity of adaptations for this process in THREE animal groups:

