

## UPCOMING events

### *Take Waaheke*

Monday 7 to Wednesday  
9 September - Year 7  
Camp

Friday 11 September - In  
Zone Enrolment  
Applications close

Friday 18 September -  
Out of Zone Enrolment  
Applications close

Thursday 17 September -  
Mock Exams start  
(Year 11-13)

Thursday 17 September -  
MCAT Year 11

**PLEASE SEE THE  
BACK PAGE FOR MORE  
UPDATED TERM 3  
EVENTS.**



**Tangaroa  
Blue House**

**Tangaroa is the 'god of the sea.'**  
**Māori believe that water is an**  
**energy, with many moods. It**  
**can be calm and life-giving, or**  
**dangerous and destructive. This**  
**energy is called Tangaroa – 'god**  
**of the sea.'**



## MATHEMATICS FEATURE

**Āhuahanga Pāngarau**

### **Koorero a te Tumuaki The Principal speaks:**

Kia ora koutou katoa. Nga mihi nui kia koutou. Nau mai haere mai hoki mai ko te tuarua kura o Tuakau.

We're once again welcoming all our students and staff back at school after the Auckland region was in lockdown at Alert Level 3. As a College we were in a 'catch 22' situation where two thirds of our staff lived in the Auckland region. With the borders guarded and the teachers not being classed as essential workers, I could not staff the school, hence the reason why school was closed at this time. This made it very difficult for the community and the College but we engaged with the students with online learning and learning pack distribution.

We are now back under Alert Level 2! Our health and safety plan is in place, as it has been under every alert level, and you can be assured we'll continue doing everything we can to keep children safe.

At home please continue with good hand hygiene, cough and sneeze etiquette, appropriate physical distancing when out and about and keeping your child home if they are sick.

CONTINUED INSIDE. . .

## The Principal speaks continued: *Kei te haere tonu te korero a te Tumuaki:*

Face coverings are another way we can help keep ourselves and others safe. The Prime Minister has announced that face coverings will be required on public transport from Monday 31 August, at Alert Level 2 and above. This does NOT apply to school transport (we have good systems in place to manage safety on school transport already). Children and young people do not need to wear face coverings at school but if your child wants to wear a face covering, that's fine. Other public health control measures are in place including children and staff staying home if they are sick, contact tracing, and hygiene requirements.

We're continuing contact tracing by having QR code posters at our entrances and in every classroom, so please check in every time you come onsite. Students can use the tracer app too if they wish too but student attendance and seating plans are used for every period. If you haven't already downloaded the NZ COVID Tracer app the Ministry of Health website has information to help with that. We'll also keep a visitor register for anyone who doesn't have the app, and for anyone who comes onsite for a period of time. This will help us with contact trace in the unlikely case it is needed. For more information about public health measures at Alert Level 2 you can visit the COVID-19 website, and if you have any questions about this please get in touch.

Many of our students and whānau/families may have found this lockdown hard so please, if you are struggling contact the school and we will try to assist you as best we can. Our guidance team may be able to help. If your child is finding it hard to engage in their learning then get them to talk to their teacher or the Guidance Counsellor. We are here to assist where we can.

Staff will be re-evaluating all the classes to see how we can still achieve what we originally set out to do. There will be a lot of adjustments made. Sport and other events dates have been adjusted as well.

It is great to have all the students and staff back to the College!

Kia kaha, kia manawanui, kia hauora - Be strong, be patient, be healthy! *Chris Betty*

***It's important that students attend school everyday, especially at this time. Every day a young person attends school matters because it:***

- ***increases their ability to achieve***
- ***provides an important emotional and support network for them, with their friends and classmates***
- ***keeps them engaged in learning***
- ***gives them direct contact with their teachers***
- ***is an environment where the focus is on their safety, wellbeing and learning***
- ***helps them feel more comfortable transitioning throughout their schooling journey***
- ***is not just now but their future that counts.***

***We are aware that some families may be reluctant to have their children attend school, even at Alert Level 2.***

## Uniform SUPPLIER CHANGE

**We are happy to let you know that the uniform supplier changeover has finally occurred! The new supplier of Tuakau College Uniform is SAS. The uniform stays the same, however you can now purchase it locally in Pukekohe and some of the items are now cheaper in price. We hope that you will all find this more convenient.**

The Uniform Shoppe and SAS Sport are excited to partner with Tuakau College for the supply of school uniforms through your local retail shop located at 7A Glasgow Road Pukekohe. Phone: 09 239 1310

The shop hours are:

Monday to Friday: 8.30 - 5 pm

Saturday: 9 am - 1 pm

Tuakau College Uniform will be available from the store from 1st September. The website is live for online ordering and we offer courier service or click and collect options. All WINZ quotes can also be done via the website if required or instore. Website: [www.theuniformshoppe.co.nz](http://www.theuniformshoppe.co.nz)

# Mathematics Feature

## A word from Ronnie Walia (Head of Mathematics):

**Hi folks! What a year we are having! Who would have thought that we would be going through COVID-19 lockdown not once, but twice in 2020.** It has been a very tough year for all our staff and students. I would like to firstly acknowledge the great team of Mathematics Teachers we have at Tuakau College and thank them for the way they have modified and developed their programmes throughout this year to ensure that our tamariki continue gaining success in Mathematics.

Over the years we have had many Professional Development courses, but nothing has come close to what we as a staff have learnt in the space of eight months this year. We have all had to upskill ourselves with different digital learning platforms. This has been very challenging however most rewarding. Personally, I have learnt much of what I know now from my own class students. We have learnt together.

In the senior school we have programmes that are catered for the diverse learning styles we have at Tuakau College. Within each of these courses we also have the ability to differentiate our practices so we get the best out of each student in the class. For example, in Year 11 there are four different courses running. Within those courses many students have individualised learning programmes. Every year we celebrate Maths Week in the first week of August. This happened the week before lockdown. Details are written by our Head Girl, Chloe Judge, later in this e-Bulletin. Unfortunately all the Mathex competitions were cancelled this year. We continue to participate in many external competitions such as the Problem Solving Challenge for our Year 7&8 students. Our students find them most rewarding.

It is my belief that we should have high expectations of every student who we teach. Regardless of their ability when students enter our classroom there will always be some area that we as Mathematics teachers can focus on to gain success for every individual. Hiwi Tauroa, our foundation Principal, summed it up in our motto "Pai rawa atu I nga mea katoa - The very best in all things." Our Mathematics department strives for this with our teaching as well.

Finally, I would like to thank the community of parents/guardians for supporting our students through this difficult time. Without your encouragement and manaaki for our tamariki it would have been all the more difficult. If you have any issues with your child's learning of Mathematics please feel free to contact their Mathematics teacher in the first instance, but I am always available if you wish to contact me as the Head of Learning Mathematics.

All the best for the rest of the year, *Mr Ronnie Walia*



### Ronnie Walia

Head of Mathematics and  
Statistics



I am a Tuakau College old boy and have lived most of my life in Tuakau. Currently I live in Drury, married to Mrs Walia and we have two children. Recently my daughter got engaged which has been very exciting for our whanau. After completing a BSC degree at Auckland University and a Diploma in Teaching, my teaching career started at Tuakau College. After a couple of years I went to Waiuku College, teaching as an assistant Mathematics teacher. I returned to Tuakau in the late nineties as the HOD of Mathematics. I was also given a role as the NZQA Principals Nominee. I completed a Post Graduate Diploma in Senior Management and was made Deputy Principal for two years, which I found very challenging and rewarding. I enjoy teaching Mathematics and have high expectations of all my students. I am in my 31st year of teaching. I enjoy most sports and play Golf on a weekly basis at the Onewhero Golf Club where I've been a member for over 30 years. I also played hockey for many years, however a back injury has restricted my involvement.

I have travelled extensively over the years to East Africa, Europe, America and many countries in Asia, particularly India. Tuakau College is very lucky to have a qualified, passionate group of teachers who do their best to prepare our students for life after College. I believe my drive for teaching was largely influenced by the great staff teaching at Tuakau College in the 80's. My passion is Mathematics due to a particular past teacher, Mr Dance, who made learning Mathematics enjoyable and understanding.



## Meet the Mathematics Teachers

### *Tutuki i nga kaiwhakaako pāngarau*

I am originally from Sri Lanka. I am currently living in Botany with my wife and two daughters. I completed my Graduate Diploma in teaching (secondary) at the University of Canterbury and also completed a post graduate Diploma in Computer Science at Massey University.

I teach Maths from Year 9 to 12 and Calculus for Year 13. I am also the timetabler at Tuakau College.

This is my twenty first year of teaching at Tuakau College. Prior to teaching at Tuakau College, I spent time teaching abroad in Zambia and Sri Lanka.

#### **Mat Konamalai**

*Mathematics and Statistics  
Teacher*



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#### **Sandra Van der Gulik**

*Mathematics and Statistics  
Teacher*



I am originally from the North Shore. I did a Music Performance degree at Auckland University, and studied Mathematics at the same time. I spent a brief period of time studying the viola at the North Texas State University.

On my return to New Zealand I played professionally in the Auckland Philharmonia Orchestra. An accident put a stop to my music career and I went to Auckland Teachers College where I studied to teach Mathematics and Music.

I spent some years teaching Mathematics at Long Bay College before I moved to Patumahoe in 2014. I also started teaching Mathematics at Tuakau College that year. I now live in Pukekohe with my husband, John. I still enjoy playing the viola when I have a chance to and I love listening to classical music.

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#### **Rajah Iyadurai**

*Mathematics and Statistics  
Teacher*



My country of origin is Sri Lanka, and I obtained my Bachelor's Degree (Mathematics and Statistics) at the University of Jaffna, Sri Lanka. I started my teaching career in 1977 as a part-time private tutor during my University years.

Since then, my teaching journey has involved teaching high school Mathematics in Nigeria (also Head of Department), Sri Lanka and Brunei (also School Manager for Cambridge Exams). In 2004, I migrated to New Zealand, and completed my Post Graduate Diploma in Teaching at the University of Auckland.

I have continued my teaching career in Auckland and have been teaching Mathematics at Tuakau College since 2016. I currently live in Henderson with my family (wife, mother-in-law, daughter, son-in-law, and two grandchildren).

My passion is teaching, problem-solving and sharing my Mathematics skills to those who need it. My hobbies are reading, playing Chess and Scrabble and gardening. I am enjoying my time here at Tuakau College with great colleagues and good students and look forward to spreading my love of Mathematics to more eager minds.



# Tuakau College

## MATHEMATICS WEEK 2020

*Wiki o te Kura Matatini o Tuakau 2020*

This year Tuakau College decided to partake and celebrate New Zealand's annual Maths Week, from the 3rd to the 7th of August. This was achieved through the help of the Mathematics Department and the Year 13 Statistics class, who created prizes and helped in running the week in order to encourage the students to be excited and have a go at maths and to see the fun in it.

Please see the next page for a report on Maths Week!

**\*Photos on this page are of the Whanau Mathex Challenge**





## Maths Week report Pūrongo Wiki

**Maths Week started with the Junior Poster Competition. This ranged from Year 7 to Year 10 students who were set the challenge of creating the best eye catching poster to promote Maths Week.** These posters were then collated and judged by the Year 13 Statistics class in year levels and two prizes were given to the first and second place winners. The first place winners for 2020 were: Year 7- Liyah (7R), Year 8 - Alyssa (8R), Year 9 - Haley (9N) and Year 10 - Montanna (10N).

The week continued with daily questions for Year 7 to 9, 10 to 13, Staff and estimation questions for the whole school. This allowed more students to get involved in Maths Week and have a shot at winning a prize.

Wednesday was the busiest day as it was the Whanau Mathex competition. After Period 2 everyone went to their whanau class and participated in answering the questions in order to beat the other whanau classes, to try and win the prizes and house points up for grabs. Huge congratulations to Yellow house for winning both first and second prize with YKSI coming in first and YMMC coming in second. Congratulations also to the winners of the Outstanding Student awards, which were received by Mayonard from GMKO for first and Hassan from RKDR for second. The range of prizes were kindly donated by Harvey Norman Pukekohe, Pak'n'Save Pukekohe, McDonalds Pukekohe, Tuakau Rotary and the Maths Department.

Friday was the final day of Maths Week with an estimation question of guessing how many chocolates were in the jar. The 102 chocolates contained in the jar went to Mathew Hira and the special prize from Harvey Norman went to Malia Potini, ending another successful Maths Week. A big thank you to Mr Walia, the Maths Department and the Year 13 Statistics class for organising the week.

*Written by Chloe Judge, Year 13 Statistics Student at Tuakau College*



**ABOVE: Some of the prize winners from Maths Week 2020. From left: Teegan Ogle (Year 9), Lisa Burnett (Staff question) and Calissa Johannesen (Year 10).**

## Maths students at work *Nga akonga he pāngarau i te mahi*

Below are some photos of students at work in their maths classroom along with posters from Maths students over the years at Tuakau College.



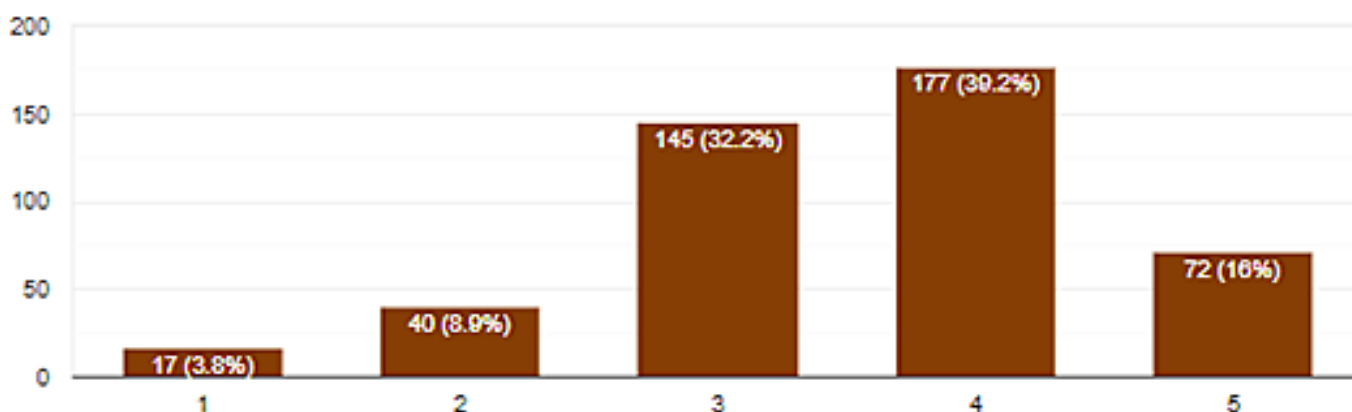
## Mathematics Surveys *Rangahau Matapihi*

The Tuakau College Mathematics Department believes it is very important to hear what students say about their own learning and the teaching they are receiving from the Mathematics staff. We conduct two surveys annually. The Mathematics department reflects on the findings and uses the data to improve our teaching practices to perform better in the classroom. It also allows us to get a better understanding of the students we teach. The surveys are anonymous. Below is a snapshot of some questions and the feedback.

Question 1. How much do you estimate you have increased your mathematical knowledge so far this year?



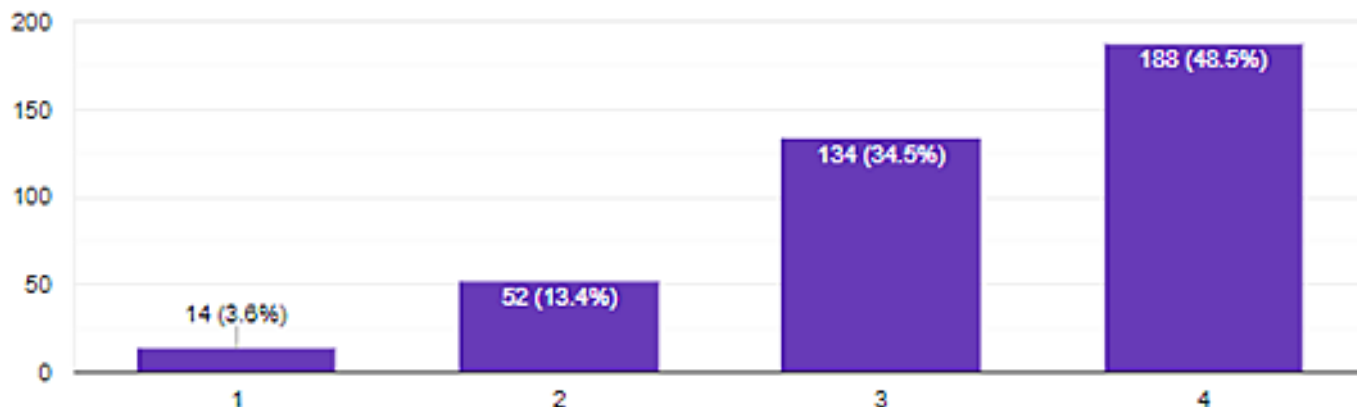
451 responses





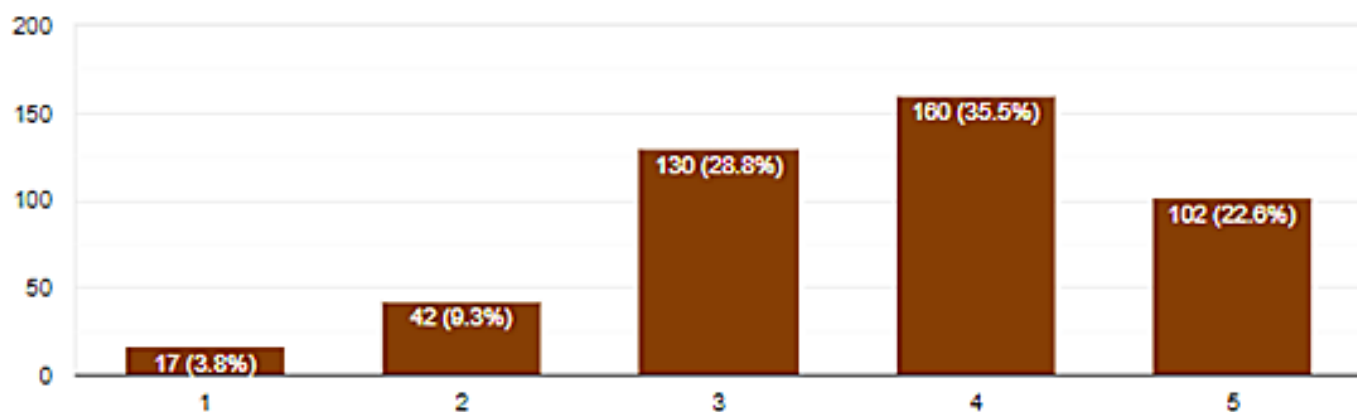
## My teacher encourages me to work well

388 responses



## Question 9. Indicate how positive you feel about the maths course your are doing.

451 responses



## A word from Rose Salani

*He kupu no Rose Salani*

**In my past six years at Tuakau College I've been in just about every math class!** This introduced me to many different work ethics and solving methods which allowed me to pick and establish what works best for me.

There are always going to be topics that are hard to grasp but the different teaching skills at our kura make it that bit easier. During my junior years I was involved in many Mathex competitions which furthered my problem solving skills and improved my reaction time. They were also a great opportunity to bond with my classmates and I have very fond memories of the competitions.

I really appreciate all that I have learnt from the Math department during my time at Tuakau College, and I am excited to further my learning in my last year at school.

**"Math may not teach us how to add love or subtract hate, but it gives us hope that every problem has a solution."**

**-Anon**

## Level 1 Numeracy: Tuakau College

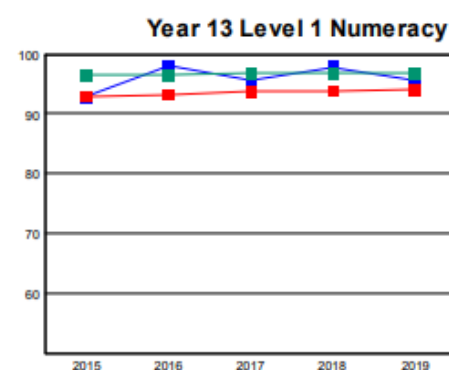
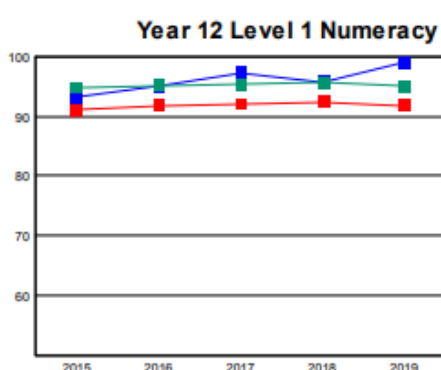
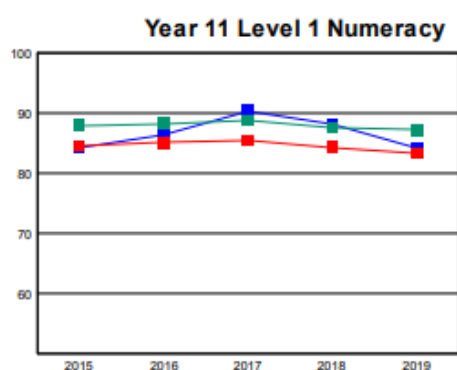
### Taumata kotahi te tatau: Tuakau College

PR 3 - Cumulative Results by Percentage

Generated 20-Apr-2020

Academic Year	Achievement	Tuakau College			National			Decile 4-7		
		Year 11	Year 12	Year 13	Year 11	Year 12	Year 13	Year 11	Year 12	Year 13
2015	Numeracy	84.4	93.2	92.8	84.6	91.0	92.8	88.0	94.7	96.4
2016	Numeracy	86.4	94.9	98.0	85.1	91.8	93.1	88.3	95.2	96.5
2017	Numeracy	90.4	97.3	95.6	85.5	92.0	93.7	88.8	95.2	96.7
2018	Numeracy	88.1	95.7	97.8	84.4	92.4	93.8	87.6	95.5	96.7
2019	Numeracy	84.3	98.9	95.7	83.4	91.8	94.0	87.2	94.9	96.7

Blue - School, Red - National, Green - Decile Band



## Useful websites for Mathematics learning

### He paetukutuku whaihua mo te ako Matatini

- <https://www.khanacademy.org> - A free world-class education for anyone anywhere! Khan Academy is an organisation on a mission. This is a non-profit website with the goal of changing education for the better by providing a free world-class education for anyone anywhere. Khan Academy's materials and resources are available for all the subjects to you completely free of charge.
- <http://nzmaths.co.nz/families> - In the nzmaths Families section there are lots of resources for helping your child learn about numbers. This will help them with the maths they do at school.
- <http://maths.nayland.school.nz/index.html> - This website is packed with many useful websites and resources to support students in Mathematics.
- <https://www.educationperfect.com/> - Education Perfect is the ultimate online learning platform used by over 780,000 students from 1,700+ schools for their learning and revision. Education Perfect is driven by a collective desire to see technology improve student learning outcomes and magnify the value of a teacher in the classroom.
- <https://www.prodigygame.com/> - Prodigy is a free, adaptive math game that integrates common-core math (grades 1-8) into a fantasy style game that students love playing.

**VISION:**  
Tuakau College prepares students for life through a quality education promoting excellence in all things.

TUAKAU COLLEGE

#### STRATEGIC GOALS: TUAKAU COLLEGE WILL:

Maximize opportunities for student achievement.

Lead development in local education in a continuously changing world.

Be the heart of the community where everyone wants to be.

**EXCELLENCE**  
Tino pai rawa  
Pai rawa atu i nga mea katoa.  
The very best in all things.

TUAKAU COLLEGE

**PERSEVERANCE**  
U tonutanga  
Kaua e mate wheke mate ururoa.  
Don't give up like an octopus but fight like a hammerhead shark.

**INTEGRITY**  
Ngakau Tapatahi  
Kaua e takahia te mana o te tangata.  
Do not trample on the mana of the people.

**CARING • LOVE • RESPECT**  
Manaaki • Aroha • Whakaute  
He aha te mea nui. Maku e ki atu. He tangata he tangata he tangata.  
What is the greatest thing? It's people, it's people, it's people.

## Auckland Careers Expo *Tuawhenua kaitiaki paanui*

Some of our students were lucky to attend the New Zealand Careers Expo held at the Epsom showgrounds on Thursday 6 August, 2020. They enjoyed learning more about possible career options and what is available to students once leaving or finishing school.



## HEALTH CENTRE *Tari Hauora*

**PLEASE DO NOT SEND YOUR CHILD TO SCHOOL IF THEY ARE SICK OR HAVE ANY RESPIRATORY OR FLU LIKE SYMPTOMS, E.G. RUNNY NOSE, COUGH OR SORE THROAT. If they do attend school we will have to send them home again.** Tuakau College has and will be doing a number of things to prevent the spread of Covid-19 such as:

- Reminders about hand washing and social distancing of at least a metre. Students not to share food or drink.
- We ensure that surfaces where students have worked are sanitised after each period.
- We encourage children to wash their hands thoroughly and correctly. Soap and water for 20 seconds minimum is best. Hands must be dried completely. Students are supposed to keep a distance of 1.5 m away from each other. As this is impractical in a school, students just need to be aware of distances between themselves and others. Students should refrain from handshakes, hongi, kissing, etc as part of this strategy.





## Winter Sports Update

### Whakahoutanga Hakinakina Takurua

Winter sports will continue to change now we are back at school after lockdown. We will keep you updated on these through daily notices at school, the school Facebook page and the school website.

#### RUGBY

In the secondary school rugby space, the CMRFU has also met with representatives from our local secondary schools to discuss a way forward for these competitions.

A decision was made to cancel the remaining scheduled secondary school matches and it was further agreed there would be no secondary schools rugby played in our region until September 19 at the earliest.

With the scheduled competitions cancelled, the CMRFU is now working with our schools to create some meaningful competition for our rugby players. This is likely to be a tournament of some sort and further information will be distributed as and when decisions are made.

*Photos on the left are from the U15 game against Onewhero which Tuakau College won 20-12!*

*For more photos of this game and other prior games, please visit our Facebook page.*



#### HOCKEY

These photos are from the Boys Hockey last game before lockdown. They played Hauraki Plains and won 2-1! Well done boys!

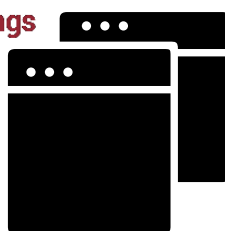


## TUAKAU COLLEGE

Pai rawa atu i nga mea katoa | The very best in all things

# 2021 ENROLMENT

**DATES HAVE CHANGED  
DUE TO COVID-19**



## IN ZONE ENROLMENTS

DUE FRIDAY 11 SEPTEMBER

## OUT OF ZONE ENROLMENTS

DUE FRIDAY 18 SEPTEMBER

# Calendar

## Maaramataka for Term 3 2020

MON	TUE	WED	THU	FRI	SAT	SUN
20 JULY Term 3 starts	21 Photolife Team Photos PTA Meeting	22 Franklin Speech Finals School Assembly	23 Reports emailed/issued	24	25	26
27 12OUT Rockclimbing Blood Drive	28 BOT Meeting	29 Year Levels Assembly	30 Year 12 Loves Me Not	31	1 AUGUST	2
3 12OUT Rockclimbing Parent Interviews Maths Week	4 Maths Week	5 Whanau Assembly Parent Interviews Maths Week	6 Auckland Careers Expo 12OUT Rockclimbing Maths Week	7 12OUT Rockclimbing Maths Week	8	9
10	11 Mufti Day	12 School closed (Level 3 Auckland level)	13 School closed (Level 3 Auckland level)	14 School closed (Level 3 Auckland level)	15 School Ball - POSTPONED	16
17	18	19	20	21	22	23
Please note events are subject to change due to COVID-19, so dates on this calendar may change.						
24	25 BOT Meeting	26	27	28	29	30
31 STUDENTS BACK AT SCHOOL	1 SEP	2 11PED Extreme Edge Whanau House Assembly	3	4	5	6
7 Year 7 Camp	8 11 Hort Small Motors Year 7 Camp	9 Year Levels Assembly 11 Hort Small Motors Year 7 Camp	10 Special Olympics Basketball	11 In Zone Applications due	12	13
14 Te Reo Maori Week	15 Te Reo Maori Week	16 School Assembly Te Reo Maori Week	17 MCAT Year 11 Year 12&13 Tough Guy/Gal MOCK EXAMS Te Reo Maori Week	18 Out of Zone Applications close MOCK EXAMS Te Reo Maori Week	19	20
21 MOCK EXAMS	22 PTA Meeting MOCK EXAMS	23 School Assembly Year 7 Boostrix Vaccination MOCK EXAMS	24 Orientation Day Reports emailed/issued	25 Tug of War Term 3 ends		

Term 4 starts Monday 12 October and ends on Friday 11 December.