

We hope you enjoy **Term 4's** edition of 'Mission Heights News.'
Please click [View it in your browser](#) to view text plus images in this newsletter.

To translate our newsletter, please
[View it in your browser](#) then click 'Translate'
(top right).

As this is 'Google Translate', exact
translation will not be achieved, especially
with titles and names.



Principal, Mr Ian Morrison



Message from the Principal

Term 4 Newsletter

Information for students and parents

Looking back on 2016 one word springs to mind - "seismic." There have been significant social, political and environmental events which have had a significant effect on our lives. These range from the **U.S. Presidential elections** and the **Brexit** vote which went against all informed predictions to the earthquakes closer to home. One conclusion we can draw from these events is that the well known phrase attributed to **Heraclitus**, a Greek philosopher, "**the only constant is change**" is as relevant now as it was 2000 years ago.

We need to be able to expect the unexpected and be equipped to deal with the new environment or situation which results. Flexible thinking, creative problem solving and determination to finish the job no matter how hard it may be are qualities that people require to cope with these seismic events.

The innovative delivery of the curriculum at **MHJC** is designed to assist our young graduates to be able to adapt and lead change in any new environment. I am proud to say that our students are also guided to understand how important these and other universal qualities of tolerance, compassion and understanding are for the building of an even better world.

Thank you to everyone who has worked so hard to ensure this has been a most successful and fulfilling year for our students. May I extend my best wishes to everyone for the **Christmas** holidays and may we all return safe and refreshed from the break.

Growing greatness - Kia mana ake

Ian Morrison



Upcoming Events

Dates are also published on our website, [Mission Heights Online](#).

Year 10 Graduation

Monday 12th December at 6pm, in the MHJC Gym

Year 9 Prizegiving

Tuesday 13th December at 9:30am, in the MHJC Gym

Year 7 & 8 Prizegiving

Wednesday 14th December at 9:30am, in the MHJC Gym

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2017 Start Up Dates

Term 1

Admin Day:
Compulsory for all students and parents

Tuesday 31st January, 2017
8:30am to 3:30pm or
5:30pm to 7:30pm

Yr 7 & 10 Students Start

Wednesday 1st February, 2017
8:30am

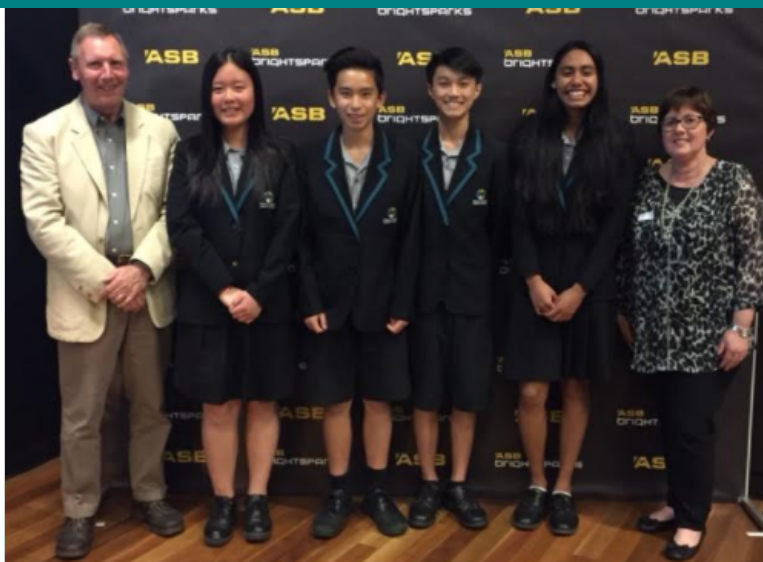
All Students at School

Thursday 2nd February, 2017
8:30am

Important Reminder: Please do not book overseas travel during term time.



The Great Veggie Patch Project



New Zealand BrightSparks Finalists 'Project Lockdown'

'Project Lockdown,' consisting of group members Bella Lin, Katrina Mohammed, Ryan Ngo and Bill Wong were named as one of six national finalists in the 2016 NZ BrightSparks competition recently. The group developed their project over two years, enabling it to be entered into the Engineering Category for this year's competition. On 2nd November 'Project Lockdown' were invited to the awards ceremony at the ASB Cube on Wynyard Wharf, with the support of their mentor Mr Hargreaves, accompanied by Mrs Hewlett and Mr Morrison. Unfortunately, the group did not win the top award, but they were very proud of their achievements as national finalists.

During this experience, students met other enthusiastic finalists from all parts of the country and heard inspirational speeches by "Nano Girl" Michelle Dickinson, engineering, electronics and commerce industry leaders and others. 'Project Lockdown' are MHJC's first finalists to be recognised in BrightSparks, which is a significant accomplishment!



Year 7 & 8 students from **Mountains Whanau** were lucky enough to take part in the **Tread Lightly Caravan (TLC)** programme this term, as part of their 'Sustainability' concept. The TLC programme, through the use of fun interactive exhibits and activities, inspires the students to live more environmentally responsible lifestyles.

At the end of the programme each student was challenged to make a pledge on how they were going to do this. The photos below show **Aathif Mobin Basha**, **Raunak Matharu**, **Makayla Galloway** and **Dilpreet Chhokar** with their pledges.

The students were told that growing vegetables at home is a great way to make a difference to the environment. TLC together with **Kings Plant Barn** provided the students with radish seeds and soil to get started.

At the conclusion of a 6 week period, the students brought their radish plants back to school for judging. The best plant was grown by **Jason Haddad** in Year 8M1 (*pictured below with his winning plant*), who will receive a prize from **Kings Plant Barn**.

Simrat Deol and **Gursimran Randhawa** from 7M1 were awarded second and third place, consecutively.



MHJC's IPENZ Senior Merit Award Winners

We were thrilled to learn that four project teams from **MHJC** had each received **\$1000 Merit Prizes** in this year's **Transpower Neighbourhood Engineers Awards**. These awards offered students the opportunity to work alongside engineers on practical projects in the school and community, to promote **STEM** learning and pathways (Science, Technology, Engineering and Mathematics). Every year the **Transpower Neighbourhood Engineers Awards** gives prizes to the best and most innovative collaboration between students, teachers and volunteer engineers.

Senior Merit Awards

Project Lockdown

Project X

Project Identity

Trashket-ball

Click on the link below to learn more about each of the projects....

<http://www.nea.org.nz/2016-Winners.cfm#SM4>

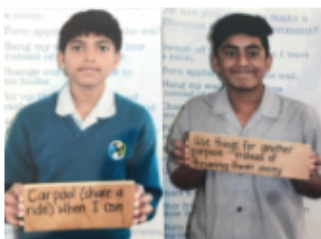
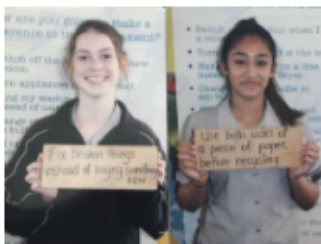


Formula-A Propeller Driven Car Race

Well done to all contestants who entered the **Formula-A propeller driven car race** that was held on Tuesday the 6th of December, 2016 in the school gym. Two **Year 7** classes from **Coast Whanau** competed against two **Year 10 option classes** in the construction and racing of their cars. Students applied their knowledge of Maths and Science and used simple recycled items to make their propeller driven cars. In Technology students have learned about electronics, componentry and building simple electric circuits. High levels of fun, anticipation and excitement were observed throughout the competition! Thank you to **Mr Basil Taha** for leading this wonderful event.

Congratulations to the winners:

1st Place: Grand race winner: **Patrick Wang** from 10W2



Landcare Research Winning the War Against Weeds Programme

Following on from the Tread Lightly Caravan (TLC) visit 7M2 had the opportunity to take part in a 'Winning the War Against Weeds' programme run by Landcare Research in conjunction with the TLC group.

2nd Place: Hugo Lai from 7C1

3rd Place: Jeo Hanns Turtal and Andy Soryath from 7C2



Project 'X' Complete Auckland Transport's Experiential Prize

Harvir Singh-Birl, Carl Xie and Hruthin Pagadala's "Project X" was the overall winner of the NIWA Science Fair Auckland Transport Award, and on the 23rd of November the boys were hosted by Auckland Transport for their experiential prize day. The field-trip started at the Mission Heights bus stand at 6:45 am. From there the boys transferred onto a train to reach their destination at the HSBC Building at the bottom of Queen Street. They ventured up the tower and met the friendly AT staff, then had the opportunity to share details about their innovative 'crossings' project.

Their next destination was the ferry building. While there the boys observed tugs manoeuvring in a 325 metre cruise ship. After a tour of the buildings and the ferry control room they went to the wharf and boarded a ferry to Devonport. From there they were driven to the Smales Farm Business Park where they spent a couple of hours learning about how the traffic is managed and the operations of the main control room which oversees all of the motorways and main roads from Kaitia to Taupo. This room could also control the traffic lights in the whole area. The boys learned how the traffic system works and the method they use to keep traffic moving as smoothly as possible, as well

The students had an introduction to hands-on weed control. They learnt how to record the local weed floras, using digital photography, field data capture on smartphone apps, and herbarium presses to collect specimens.

Part of the programme also involved one student being selected from the class to go down to the **Landcare Research Institution** at **Lincoln University**. **Raiyan Khan** (pictured below) was selected to represent **Mission Heights Junior College** as one of eight students chosen out of the Auckland region to attend - a rather big accomplishment.

Raiyan will be learning how to process and deposit pressed plant specimens into the **Allan Herbarium**. He will visit the **insect quarantine** laboratories and facilities and will work through the **weed biocontrol** education resources.

Landcare created a new project and uploaded our student observations at <http://naturewatch.org.nz/> - there are some interesting discoveries emerging- please check them out.

The **iNat app** is free to install if you would like to use it to observe plants, animals and insects into the future. Please check the following site for further information on **landcare research** <http://www.landcareresearch>



as an insight into some of the incidents that had recently occurred:

- *driving the wrong way on the motorway*
- *shopping carts on the motorway*
- *pedestrians crossing the motorway*
- *tourists stopping on bridges to take photos*

The next destination was **HMI Technology** in **Pakuranga**. This company designs and manufactures the electronic road signs used in **Australia** and **New Zealand**. At 2 o'clock the eventful day had come to a conclusion. **Harvir**, **Carl** and **Hruthin** wish to thank **Auckland Transport** and **HMI Technology** for welcoming them to their workplace and giving them an insight to what goes on behind the scenes.

With Sadness we Farewell KDEC

It is with great sadness that **Mission Heights Junior College** will bid farewell to our **KDEC staff** and **students** at the end of this year. **Kelston Deaf Education Centre** (KDEC) started at **MHJC** in 2010. From 2017, they will be based at the **Ormiston Junior College** campus. Throughout the past six years, **KDEC** and **MHJC** have enjoyed a highly collaborative partnership, providing inclusive, innovative and high quality learning experiences for Deaf and hard of hearing learners.

KDEC has been an integral part of our school. The students have contributed to the richness and diversity that **MHJC** values, especially in educating **MHJC students** and **staff** about **Deaf Culture** and **New Zealand Sign Language**. The **KDEC** students have achieved success over their years at **MHJC** and have truly developed into **GREAT** learners - just like their **MHJC** hearing peers. We wish them well for their new journey...



Back Row: Adam Baillie

2nd Row: Miss Tarsha Cutelli (NZSL Interpreter), Sarian Hona, Sebastian Taumoepeau, Arona Ale, Charlie Tokerangi-Paku, Mrs Caroline Gould (Teacher Aide), Mr James Pole (Student Teacher)

Front Row: Mrs Selva Naidoo (Teacher), Jonathan Manoa, Thando Mpozori, Kaylee Wipani, Courtney Nairn, Jordan Hunter, Ms Vivita Rabo (Senior Teacher)

Celebrating Success - Gold TravelWise School

Some students from MHJC's Travelwise Group attended the Auckland Transport Travelwise Celebration Day recently. The day consisted of an exciting Amazing Race around the Viaduct, Wynard Quarter and the Maritime Museum. MHJC was recognised as a Gold Travelwise School for the third year running.



Mountains Family Food Night

Early in Term 4, students from 7M1 and 7M2 hosted a 'Family Food Night'. Student groups researched, prepared and served healthy recipes that are inexpensive and easy to make for their families. Some of the recipes included butter chicken wraps, fruit kababs, tacos and the crowd favourite - jambalaya made with chicken!



Survival Skills at the Botanical Gardens

8M1 and 8M2 headed to the Botanical Gardens to learn how to correctly set up tents and identify native trees and birds. Using



Santa Show Kick-Starts the Festive Season

This year's annual Santa Show was bigger than ever - bigger in variety, bigger in acts and bigger in talent! A teachers' rock group was formed for the event and opened the show. Students and staff shared their delight to see the act, which included principal Mr Morrison taking the stage on the base guitar! The showcase also entertained by way of a boys' harmony group, carol singing, as well as hip hop and salsa dancers. Teachers and students dressed up and 'rocked out' to the variety of acts and enjoyed the festivities. Thank you to all involved, especially to Miss Shields and the Cultural Council who made this year's Santa Show one to remember. Until next year, Merry Christmas!

Click on the image below to see a movie montage of the acts from the show...



MHJC's Mathex Evening

We would like to share a short video clip from this year's Mathex event, where students raced against the clock and other teams to win 'top team' honours. One hundred and fifty eight students from Years 6 to 10 participated in 38 student teams from local schools, including Mission Heights Junior College, Mission Heights Primary, Baverstock Oaks School and Ormiston Senior College. A big thank you to our parent and teacher teams for being such great sports, and to event organiser Neelam Taneja for running another successful Mathex event.

The winners of the 2016 competition were:

Year 7: Water Whanau

Alex Xue, Johanna Fan, Ranvir Singh & Radesh Muhunthan

maps, they headed out around the Gardens to complete an orienteering activity. They all ensured that they made it back in time to make some tasty sausages at the outdoor cooking station!



ABSL Summer Hoops 3x3 Basketball Champions

The ABSL Summer Hoops 3x3 grand final was held recently, between MHJC's 'The Aces' (Marlon Bolivar, William Chen, Jesse Manuel and Randy Dayrit) and Farm Cove's 'Big Time Ballers'. It was by all accounts a very exciting game and ended all tied up at full time with a shoot out to determine the winners!

Year 8: Coast Whanau

Kevin Fu, Colin Li, Neha Lal & Ekin Kiu

Year 9: Coast Whanau

Campbell Strong, Eugene Chua, Cael Dayu & Calvin Huynh

Year 10: Forest Whanau

John Yang, Carl Xie, Bill Wong & Ryan Ngo

Click on the image below to see a movie montage from the Mathex Evening...



Botanical Garden's Field Trip Gives Rise to Geometry & Measurement Learning

Year 7 students in Water Whanau have been busily developing enlargements of their sustainable garden designs, in mathematics this week. As a part of their 'Sustainability' learning concept, the classes visited the Manurewa Botanical Gardens to gather photographic

The final result was MHJC's 'The Aces' being crowned the 2016 ABSL Summer Hoops 3x3 Champions! Both MHJC teams that were entered into the competition represented MHJC very well, as did their supporters. This is a tremendous result and wonderful feedback to receive!



CJ's Football Tour of the United Kingdom

Year 8 student, CJ Lupena-Baker is having a marvellous time in the UK, with the Westham Oceania Academy. He has reportedly enjoyed plenty of training and games (as well as sightseeing) at a whole different level of intensity, which has been a great experience for him to learn from and to try and apply upon his return to New Zealand.

CJ's Tour so far in Scotland...

Game vs Dundee United

Lost 1-4

Game vs Hearts

Lost 1-3

Game vs Glasgow Rangers

Won 9-3

CJ scored in the Glasgow game with a left footer, and has been playing in a number of positions, mostly CAM, with stints as a forward and right back. The

research, which has now been applied to demonstrate knowledge and understanding of 2D and 3D shapes, enlargements, nets, angle properties and measurement. As pictured, '*learning through making and doing*' has certainly enabled students to apply their maths knowledge in a fun and challenging way!



Korean Cultural Exchange

This term the Cultural Exchange DEEP had the opportunity to communicate with the English Club Class, a class of students from Gwangpyeong Middle School in Gumi, South Korea. Students exchanged videos, letters, and snacks, and learnt about the differences between each others' schooling lives. Despite these differences, many students also discovered that they shared common interests and hobbies with their overseas classmates! We hope that the friendships formed this term will continue for many years to come.

Rotorua Road Trip

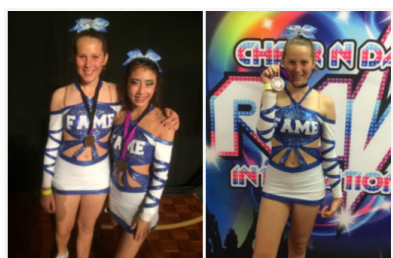
Year 10 students from Water Whanau enjoyed a 'Rotorua Road Trip' field trip recently, that was a part of their Term 4 'Identity' learning context.

A highlight of the day was a fascinating visit to The Buried Village, where students learned about the Tarawera eruption and visited the excavated Te Wairoa archaeological site. The eruption of Mount Tarawera in 1886 is one of New Zealand's greatest natural disasters. The violent and unexpected eruption buried Te Wairoa and several smaller villages in the area under hot heavy ash and mud. It completely destroyed the famous Pink and White Terraces, one of New Zealand's first tourist attractions. Sadly, around 150 people lost their lives as a result of the natural disaster.

Students also visited the 'Skyline' facility and enjoyed gondola and luge rides!

team has now arrived in Manchester, and have had a coaching session with Hugh McAuley, former assistant director of the Liverpool academy, and now are at Riverside Stadium watching the EPL game between Middlesbrough and Hull City. Following games against Liverpool County FA, and the Champions League match between Manchester City and Celtic, the team moves on to London for the final leg of the tour.

We are extremely proud of CJ and wish him safe and enjoyable travels with the West Ham Oceania Academy. We look forward to the next update!



Cheerleading Success

Congratulations to Georgia Wright and Ashley Farley who competed in the 'Cheer 'N' Dance Rave Internationals' recently. The girls' team ultimately placed 3rd in their division. We commend Georgia and Ashley's dedicated approach to training and their success on the cheerleading stage - well done!



Sports Report

A GREAT Year for Sport at MHJC!

Sport is growing from strength to strength at the college. For a relatively new school, premier teams are competing with great success.

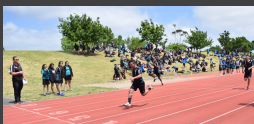
Highlights include our Premier boys' cricketers who won their Saturday competitions and our Premier netball team which finished 8th in the Auckland competition. The Year 7 & 8 cricket team also experienced great success in the Active Post Cup finishing fourth in Auckland, narrowly missing out on a place in the final. The school has also seen a huge growth in basketball with over 18 teams competing in various competitions and the Girls Under 15 basketball team placing second in the Counties Manukau A Competition. Our Senior boys and girls touch rugby teams also participated in the Eastern Zone Touch tournament. Both teams performed well with our boys team finishing 4th overall and our girls team finishing 3rd.

We also held our annual Swimming and Athletics events this term. Both competitions were a huge success, with the school taking 48 representative athletes to the South Eastern Zone inter-school competition. Here, Jerusalem Toilalo finished 4th in the Year 8 boys long jump and Dylan Menzies gained 4th placing in the Year 7 boys long jump.

Volleyball is one of our growing sports and we entered 6 senior teams to the Counties Manukau competitions. The teams enjoyed their season and represented the school with pride.

Many other students have excelled in individual competitions and we are excited by the growth in participation and performance that has been shown from our athletes.

Helgard Groenewald
Sports Co-ordinator



MHJC's Athletics Results

We congratulate our 2016 individual athletics champions...

Junior Boys

Dylan Menzies

Junior Girls

Loisi Koyamaisoso

Senior Boys

Tyrell Green

Senior Girls

Tiana Herewini

1st - Water Whanau

2nd - Forest Whanau

3rd - Coast Whanau

4th - Mountain's Whanau



MHJC's Swimming Results

We congratulate our 2016 individual swimming champions...

Junior Boys

Douglas Gould

Junior Girls

Michaela Rohm

Senior Boys

Eugene Chua

Senior Girls

Annika Dyer

1st - Forest Whanau

2nd - Coast Whanau

3rd - Water Whanau

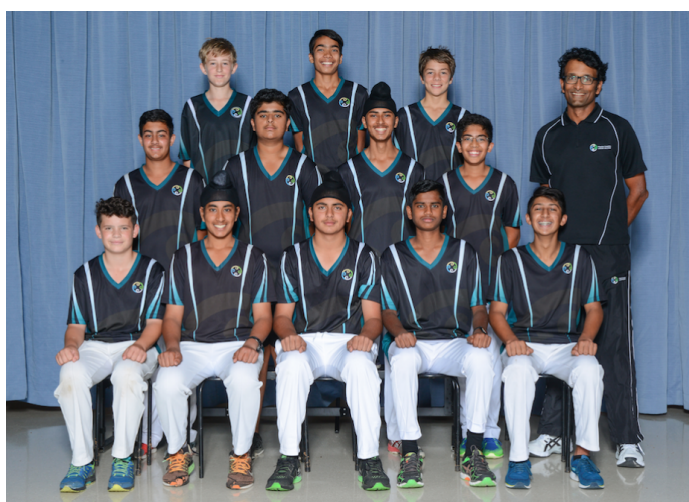
4th - Mountain's Whanau



Mission Heights Junior College Premier Netball



Mission Heights Junior College Premier Boys Football Champions



Mission Heights Junior College Premier Cricket



CONTACT US



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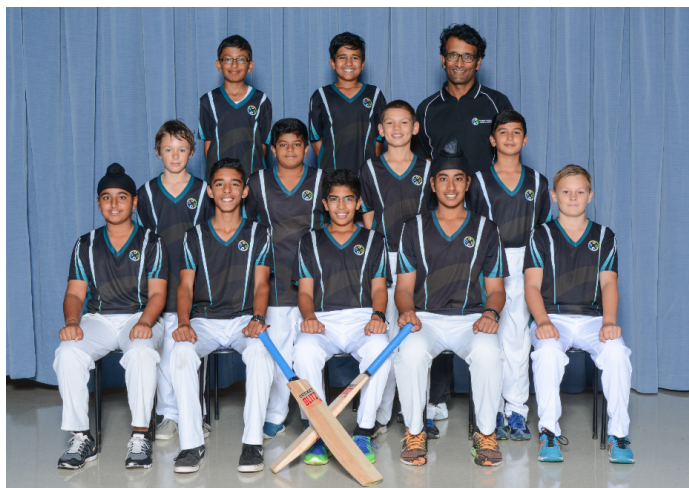
We'd love you to follow us on Facebook! Simply click on the buttons below to be directed to our new Facebook page, or our website.



Facebook



Website



Have you purchased MHJC's
2016 Photo Gallery yet?



- ☒ A full set of named 2016 class photos
- ☒ Dozens of team and group photos
- ☒ Be quick - \$15 from the MHJC reception

Click on the image below to visit Term 4's Academic Competitions Newsletter....

Academic Competitions

Testing Tips

Ways to improve your 2017 test scores

- 1) ICAS Training DEEP
- 2) Australian Maths Get Start Programme (\$2 fee)
- 3) Parent info night to identify testing gaps
- 4) Homework Club



If you find competitions over the summer you are interested in entering, please e-mail Ms Hunter for help with your application.

Congratulations to the following students who earned one or more distinction or high distinction on an external examination!

Year 7
Jasper Carpenter
Kevin Fu
Aadi Golohha
Kiesya Liew
Jahvani Shah
Zohaib Syed

Year 8
Kyle Anderson
Brooklyn Camargo
Victoria Kree
Ronak Lal
Erica Ng
Sakada Noun
Alexis Toftau
Ru-Qing Xu

Year 9
Joshua Christmas
Eugene Chua
Benson Ireland
Ariel Kim
Devon Murdoch
Caitlin Pillay
Jamini Patel
Dilshadpreet Singh
Campbell Strong

Year 10
Christina Bang
Ryan Ngo
Kayla Pielser
John Yang

2017 Comp Fees

Registration for 2017 competitions will begin in Term 1.

Early bird rates are available for ICAS tests.
(Refer to the [link](#) for fees.)

Australian Maths: \$10

Otago Junior Maths: \$7

Education Perfect: \$25/year
OR \$5 per subject competition

1 April 2017
Manukau Beautification Trust

Eye on Nature
Cooking Competition
Wearable Arts Competition

Click the logo below for details.



SCHOLASTIC

Keen to get a head start on creative writing and short story competitions for next year?
Check out Scholastic's Story Starters!

Nov 2016

Wishing all MHJC Families A Happy Holiday Season!

2017 Start Up

Tuesday 31st January: Compulsory 'Administration Day'
It is essential that all students attend with a parent at a time that suits, between 8:30am and 3:30pm or 5:30pm and 7:30pm. Students will not remain at school and are not required to wear uniform. Students will check Whanau and class allocation, course and DEEP selections, fee payment, ID card processing etc to ensure that lessons can begin promptly on Day 1. Returning students please go directly to your Whanau. New students please report to the school Reception.

Wednesday 1st February 8:30am
Year 7 and Year 10 students only. Year 7 students please go to the theatre Year 10 students please report to your Whanau.

Thursday 2nd February 8:15am
All students please report to your Whanau.

Thank you for supporting
MHJC to a successful
2016 year!

Queries?
Please contact the MHJC
Reception from
Monday 16th January
Phone 277-7881 or email
admin@mhjc.school.nz



Mission Heights JUNIOR COLLEGE

"Growing greatness through innovative, constantly evolving personalised learning"



GROWING GREATNESS
KIA MANA AKE

admin@mhjc.school.nz

www.mhjc.school.nz

Phone 277 7881

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