

We hope you enjoy our **End of Year** 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, Mrs Joan Middlemiss.

OUR VISION

*"Growing greatness through
innovative, constantly evolving,
personalised learning..."*



Message from the Principal **End of Year Newsletter**

Information for students and parents

I want to thank you all, students, teachers, parents and friends of the school for all your efforts and support this year.

What an amazing end to our already successful year we have had! In recent weeks we have celebrated winning the supreme awards in both the **Transpower Neighbourhood Engineers Awards**, we were winners in both the **Codeworx Team** and **Individual Challenges** and we learned just last week that our students have placed 2nd in the **Epic Challenge**, a national **Young Enterprise Competition**.

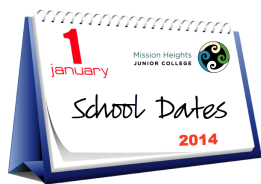
Our students have taken top awards in video and design competitions and our sporting champions have also tasted success.

Our **Santa Show** and our **Celebration of Maori and Pasifika Achievements** were both events where our students could showcase their talents and provide our audiences with huge enjoyment.

Our students have quickly learnt the value of challenging themselves across the **4 cornerstones** of a balanced education; academic, sporting, cultural and leadership through service and they are reaping the rewards.

Now as we approach our end of year **Prizegivings** and **Graduation** which mark the end of an outstanding year at MHJC, I wish you all the best for a restful summer break and look forward to another exciting and successful year for our wonderful school in 2015.

Regards,
Joan Middlemiss



Upcoming Events

Dates are also published on our website, [Mission Heights Online](http://www.missionheights.co.nz).

School Prize-giving Ceremonies

Wednesday 10th December
 Year 9: 9.00am
 Year 8: 11.30am
 Year 7: 1.30pm
 Year 10: 6.00pm

2014 Term Dates

Term 4

Monday 13th October to
 Wednesday 10th December
 (9 Week Term)

2015 Start-Up

Compulsory Admin Day

(Parents & students)
 Tuesday 3rd February

First Day for Yr 7 & 10's

(Yr 7's to Theatre)
 Thursday 5th February

Waitangi Day Holiday

Friday 6th February

All Students Return

(Yr 7, 8, 9 & 10's)
 Monday 9th February

THANK YOU!



Staff wish to thank the **MHJC Family & Friends** group and parents for a lovely end of year morning tea.

MHJC's Codeworx Champions on TV3 News

We were thrilled to learn that Mission Heights Junior College students had taken out national titles in both divisions of the **2014 Codeworx Challenge** last month. The competition asked students to write code to programme Raspberry Pi mini computers to develop practical solutions to real-world issues. Our congratulations to...

1st Place Individual Prize: \$1250 'Caution, Child on Driveway'

Individual Dylan Townsend received a whopping \$1,250 for himself and \$2,500 for our school. Congratulations Dylan!

1st Place Team Prize: \$750 'Eyes Wide Shut'

The 'Eyes Wide Shut' team consisted of Ngapipi Herewini, Molly Herbert, Hari Narasimhan, Justin Clayton and Jasneek Sandhu, with each student receiving \$750 and \$2,500 for our school.

To view MHJC students on TV3 News, click the link below...

<http://www.3news.co.nz/technology/tech-savvy-teens-create-university-level-inventions-2014111616>



Mr Vintage 'SOS' T Shirts Released

Year 8 students from Forest Whanau engaged in an exciting learning journey this year, to increase awareness about sustainable oceans through the issue of shark culling and fining. This context saw a

Family & Friends Committee
Bringing our community together



**National Placing in
'Epic Challenge'**

Congratulations to Cailey Dayu and Rashmeen Sandhu for their outstanding achievement in winning second place in the Young Enterprise Trust national competition called "The Epic Challenge". This is the second time Mission Heights Junior College has won this competition while also having a strong presence with 3 teams in the top 10 category.



**TravelWise had a
'Wheelie Good Race'**

Congratulations to the 60 participants of the school's "Wheelie Good Race". The Amazing Race-like competition focused on bike, scooter and pedestrian crossing safety.

Our race winners Caleb Forsyth, Harjot Singh, Dan Dao and Shail Singh are shown above in the 'pedestrian crossing challenge'.

collaboration between students and principle designer Natasha Vermeluen resulting in the design below, which will feature in a series of T-shirts, produced by Mr. Vintage. The proceeds of this T-shirt will go towards the Ocean Society to further research into sustainable oceans.



**Fyn Wins 'Best Animated Silent Film' in
National Film Competition**

Mission Heights Junior College is extremely proud that Coast Whanau student Fyn Ayliffe and his brother Connor Ayliffe have won 'Best Animated Silent Film' in The Outlook for Someday film competition. Their lego movie entitled 'The Final Cut' explores the root of a disastrous problem in a privately owned rainforest. Click below to check out Fyn's winning entry...

<http://www.theoutlookforsomeday.net/films/2014/099/>





Conservation Week Photo Competition

In this competition, students entered photos they have taken that showcase South Auckland parks.

Congratulations to the winner, **Chum Kaing** from 10F1. His entry (above) has been entered into the Auckland Council Conservation Week photo competition. Second place winner was **Molly Herbert** from 9W2 and the third place winner was **Janiere Fernandez** from 8C2.

Travelwise School

MHJC's Travelwise Webpage

Our new Travelwise webpage is now up and running on the MHJC website. The webpage includes links to the **Auckland Transport Journey Planner**, park and walk maps, photos from our school activities, interactive quizzes, and more. The site will be regularly updated with relevant Travelwise news.



Waicare Group Share the Conservation Message

Waicare have been as busy as ever this term, sharing their

Sports Report



Pictured top: Ian Orosio and Josh Wang-McCarthy had their photo taken with Breaker's centre, Alex Pledger and below with Breaker's owner, Liz Blackwell.

MHJC Basketballers Invited to NZ Breakers Game

A group of students and their families were given tickets to attend the **NZ Breakers** match against the **Sydney Kings** on Friday 28th November. The tickets were supplied by **Botany Pak n Save** as part of the 'Hoop Dreams' initiative.

The MHJC contingent offered boisterous support to the **Breakers** and were able to celebrate a Breaker victory on court with the players after the match. A big thank you to **Russ**, owner of **Botany Pak n Save**, **Dillon** at **NZ Breakers** and **Bernadette** from **ABSL** for a great evening.



MHJC Win 'Summer Slam' 3x3 Basketball Grade

The Summer Slam 3 x 3 Basketball B Grade final between the **MHJC Xtremes** and **Elim's Triple Threat** was played last Wednesday. As time run down the **MHJC Xtremes** defended a 5-4 scoreline. A **Triple Threat**

conservation message with children at **Mission Heights Primary**. As part of **Conservation Week**, **Waicare** worked with a primary class to teach them about the animals that live in the **Tane Forest** next to the school, and the work they have done to identify animals that might harm our native plants. The **Waicare** group also helped a new entrance class pick up litter in **Tane** and showed them how to clean up safely. A special mention goes to **Kaed Charman** of **Coast Whanau** who showed real leadership by sharing some great stories about his learning in **Waicare** this year.



MHJC Leading Through Service

Students across the school were asked to **grow greatness** in our community by helping children who are not so fortunate this Christmas. As our **Inter-Whanau competition** this term, students brought in gifts and toys that have been donated to families in need as part of the **KMart Wishing Tree Appeal**. **Forest Whanau** showed a huge amount of generosity and donated the most toys, but **Coast Whanau** got creative and won the present-wrapping competition, with **Tanvi Naik** winning the prize for the 'best-wrapped' gift. Thank you to all students and families that donated gifts this year.

was fouled on the full time buzzer while taking their last shot. With one free throw opportunity after full time to tie up the game and send the game into a shoot out, **Elim** were unable to convert the shot and **MHJC Xtremes** became the B Grade winners! Being only one of two girls teams in the boys league this was a fantastic achievement - well done **Sophia Herewini**, **Tiana Herewini**, **Maddison Taylor** and **Bianca Langi**.



MHJC Athletics Championships

Our Junior Girls Champion is **Sophia Herewini** from **Mountains Whanau** for the second consecutive year. Junior Boys Champion, **Tyrell Green** from **Water Whanau**, is also an MHJC athletics champion for the second consecutive year.

Viona Silao from **Coast Whanau** is our Year 9 and 10 Girls Champion - again Viona is repeating last year's success. Our new Senior Boys Champion for 2014 is from **Coast Whanau** is **Ruben van der Merwe**.

We also recognise students who went on to take placings in the **South Eastern Zone Athletics** in individual events. They are...

Tyrell Green

- 3rd in Long Jump
- 1st in 100m, 1st in 200m and setting new SEZ records in both the 100m and 200m.


Pamona Aeranga

- 2nd in Yr 8 boys Shot put




7W2's Stardome Trip

Students in 7W2 attended the Stardome recently to learn about Matariki and the origins of constellations that are of significance to different cultures.



Timetable Changes


For some Howick and Eastern bus services from Sunday 14 December 2014.



358, 446, 500, 501, 545, 550, 550x, 551, 551x, 552, 553x, 554x, 561, 565, 566, 568, 575, 580, 589 services.

These changes are being made to improve the reliability of your bus services. Please check the timetable carefully before travelling.

For more information visit: at.govt.nz/timetables or phone 09 366 6400



Howick & Eastern Timetable Changes to Public Buses

There will be some minor changes to the departure times of some public bus routes operated by Howick and Eastern Buses Ltd commencing 14 December, 2015.

Click here for more information...

<https://at.govt.nz/timetables>

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.



Jarrold's Golfing Success

Year 7 student, Jarrod Millar (photographed above with Lydia Ko) has achieved success while competing in different Golfing Tournaments around the wider Auckland region.

Jarrold took part in the North Harbour Intermediate Schools Championship and placed 2nd in the Stableford competition. In the US Kids Summer Series Tournament Jarrod has taken part in 3 tournaments to date and has finished as follows:

- Boys 13-14 yrs @ Maungakiekie Golf Tournament 6th place
- Boys 13-14 yrs @ Peninsula Golf Tournament 7th place
- Boys 13-14 yrs @ Takapuna Golf Tournament 5th place

At the recent prize-giving for The First Tee of New Zealand golf programme Jarrod was awarded NZ PGA Outstanding Player of the Year award. Congratulations on your successes Jarrod, and for being a wonderful ambassador of our school.



Facebook



Website

Thank you to all staff, coaches, managers and players for a most successful year of sport at MHJC.

Helgard Groenewald

Sports Coordinator

*Have you purchased our
2014 MHJC Photo Gallery yet?*



- Full set of 2014 class photos
- Dozens of group and team photos
- Just \$15 from the MHJC school reception



Maori and Pasifika Celebration of Success Evening a Resounding Success

MHJC students and staff connected with the schools' Maori and Pasifika community recently, to celebrate Maori and Pasifika students success across the Four Cornerstones. Achievement data and recognition of student highlights, were punctuated by vibrant cultural performances. Students hosted and catered the event, and a wonderful time was had by all.

'The Sixth Sense' project featured on front page of the Eastern Courier

Publishing permissions gained 27.11.14

Read the article on their website: <http://easterncourier.realviewdigital.com/?iid=106077#folio=1>

Teens put eyes in back of your head

By MEGHAN LAWRENCE

Four students have come up with an award winning solution to driveway accidents. Mission Heights Junior College pupils Victor Chua, Joshua Fong, Joseph Haddad and Samson Ireland have developed a reverse camera and sensor device that detects children behind vehicles.

It took the year 9 students just under a year to create before they entered it into the 2014 Transpower Neighbourhood Engineers Awards.

The project, named Sixth Sense, won the senior section ahead of 51 other entrants, with the school also picking up a \$2500 prize.

Chua says it was an interesting problem to come up with a solution for.



The large number of reversing accidents in lower-socio economic areas and high price of existing cameras is a problem, he says.

"You are looking at \$200 to \$500 which is why people aren't buying them."

That's encouraged the boys to keep the cost of making

their device down as much as possible.

The budding engineers produced the prototype with help from school IT teachers and industry professional Matthew Ng-Wai-Shing.

The design incorporates both a camera and sensor, letting the driver see behind

the vehicle and how far away something is.

When the vehicle gets close to something the interface turns red and tells the driver to stop.

Teacher Melanie Kindley says there is still rigorous testing and improvements that need to be made.



Accidents answer: The Sixth Sense reversing camera and sensor prototype.

Top team: Sixth Sense designers, from left: Joseph Haddad, Samson Ireland, Matthew Ng-Wai-Shing, Victor Chua and Joshua Fong.

"In many ways this might just be the beginning of the project."

"We are at the exciting part really," she says.

The school plans to send the team to the Science & Technology Symposium for Youth in Singapore next year with the prize money.

► SENSIBLE

Safekids Aotearoa statistics show that on average one child a fortnight will be hospitalised as the result of a home driveway injury. Between 1998 and 2001 the majority of accidents occurred in South Auckland, with 8 per cent occurring in the Eastern suburbs. Safekids Aotearoa director Ann Weaver says the concentration of accidents comes down to housing types.

"We know that a high number of deaths are connected to a particular design of property, which is the typical Housing New Zealand design. The reality is that many of these properties have the house in the middle of the section with a long driveway that goes past the house."

Transpower Neighbourhood Engineers Award Winners in Eastern Courier

The Transpower Neighbourhood Engineer's Awards are presented annually to the most innovative collaboration between students, teachers and volunteer engineers, working on authentic projects within the school and community. Year 9 students, Joseph Haddad, Samson Ireland, Victor Chua and Joshua

Fong, and mentor Matt Ng-Wai Shing of Altitude Aerospace Interiors constructed a prototype for a low cost reversing camera in response to the issue of driveway run over injury, and were recently featured on the front page of the Eastern Courier.

**Wishing all MHJC Families
A Happy Holiday Season!**

2015 Start Up

Tuesday 3rd February: Compulsory 'Administration Day'
It is essential that all students attend with a parent at a time that suits, between 9:00am and 3:30pm or 5:30pm and 8:30pm. Students will not remain at school and are not required to wear uniform. Students will check Whanau and class allocation, make 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.

Thursday 5th 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.

Monday 9th February 8:30am
All students please report to your Whanau.

Queries?
Please contact the MHJC
Reception from
Monday 19th January
Phone 277-7881 or email
admin@mhjc.school.nz

*Thank you for supporting
MHJC to a successful
2014 year!*

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