

MHP is a Green Gold Enviroschool



**Enviro Green Gold Review
2021**

Online Green Gold Review Programme



- ❖ **Welcome and Karakia by the Enviro Team & Mr Tamariki**
- ❖ **Introduction- MHP& Manuhiri**
- ❖ **Our Enviro Vision - Principal Mrs Caroline Bush**
- ❖ **Celebrate our successes, our stories - “Nga Korero”**
- ❖ **Fruit Break**
- ❖ **Our Manuhiri to share their wisdom**
- ❖ **Our Next Steps- Renuka**
- ❖ **Decision Making - Cate**
- ❖ **Waiata - Te Aroha**
- ❖ **Karakia by the Enviro Team & Mr Tamariki**

Karakia timatanga (Start of the day karakia)



Kia hora te marino
Kia whakapapa
pounamu te moana
Hei huarahi mā tātou i
te rangi nei
Aroha atu, aroha mai
Tātou i a tātou katoa
Haumi e, hui e! Taiki e!



May peace be widespread
May the sea be like
greenstone
A pathway for us all this
day
Give love, receive love
Let us show respect for one
another
Bind us all together!



Our Purpose of today is:

- ❖ To genuinely celebrate the sustainability mahi and action at Mission Heights Primary School.
- ❖ To evidence that the Enviroschools Green Gold paragraph sentences do describe what is happening at Mission Heights Primary School.
- ❖ To leave a legacy for future Mission Heights Primary staff and students and whanau.
- ❖ To ensure that some next steps are identified which will form a plan for moving forward and continuing to grow as an Enviroschool on our journey towards sustainability.

Our School Motto: Growing Excellence



Capacity | Character | Connect & Community

At Mission Heights Primary School '**Growing Excellence**' is about developing a habit; it is not a single act.

Our vision is to enable students to achieve excellence in learning and in life by providing a **rigorous, engaging, challenging and future-focused curriculum**.

Expecting excellence for all at Mission Heights Primary School is aimed at inspiring and directing students' best efforts within the classroom and beyond to become **active, positive and productive future citizens in a rapidly changing world**.

At MHP, we endeavor to create and provide a sustainable future focused environment; where we inspire our students to make wise choices and develop care, passion and respect for our nature.

Whakatauki



Manaaki whenua,
manaaki tangata,
haere whakamua

Care for the land,
care for people,
go forward.



2021 The Big Picture Plan: Digging Deep...



Questions: Where are we now and where to next?

- As a digital school with a vision of being paper free yet we are still producing lots of recycling that could be repurposed.
- We are also rethinking our market days
- Reduce waste bins
- Nude food lunch boxes
- Discontinue the use of paper towels
- Rethink about individual stationery
- We would also like to repurpose our green waste
- Construct a bike track
- Plant more native trees





Nga Korero



Our 2021 Sustainability Stories

Guiding Principle:

*Student
Empowerment*



Empowering Our Students - Our People & their Voices

At MHP our students are always at the forefront and centre of all decision making. Their ideas are always valued and given importance. They are our change makers who solve problems and lead their own learning.

Year 1 Earth studio to share their story. Big Book- The Monster's Lunch

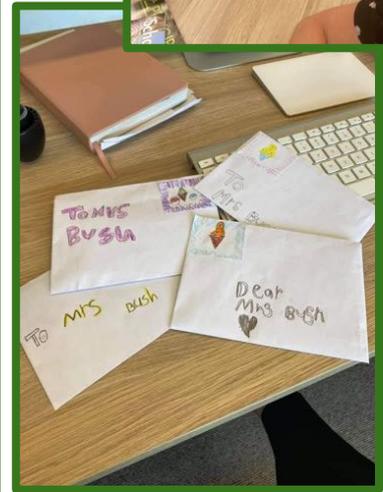
- Discussion about healthy lunch food and the importance of eating fruits and respecting differences

and diversity among our lunches we bring to school eg. sandwiches, roti, rice etc.

Setting the scene Monster eating something he likes (worms, bugs, etc) and students eating something they like.

Wonderings (encourage critical thinking and reflection and identifying a problem)

- What do you do with the leftover fruit, peels, etc?
- Why should we care? How do you keep worms alive?
- How do we take responsibility to look after our worms?
- How can we create a worm farm at school?



Our Juniors in Action

These were big questions. The students were Identifying issues and wanted to take actions.

So we wrote a letter to Mrs Bush explaining why our school should set up a worm farm and composting bins.

Online learning opportunities Term 3

Recycling and repurposing things we have at home.

It was great to see our Eco Warriors and agents at work at home. Spreading the green words, talking to parents and grandparents about worm farming, gardening at home, caring for animals, etc.

Pulling things out of the recycling bin and repurposing them- turning them into party hats, pencil holders, gift boxes, puzzles etc.



Online Learning: Recycling and Repurposing at home



Our Waste Minimisation Journey 2021



Waste Audit and Ward

STOP! No more
Slow Down Decompose
Garden

Howick Ward Waste Minimisation Schools

CONGRATULATIONS

Mission Heights Primary - 34%
Diverted 804 kg of waste from landfill
Reducing 250 kg CO₂e pa of carbon emissions

Signed [Signature] Date 21/05/2021 Signed [Signature]
Howick Local Board Chairperson



Howick Local Board
Sustainable



Please keep this sheet for your records

Large Waste Audit Data Collection	
Date of Audit	28/5/21
Cost of Yearly Rubbish Collection	\$ 3600
Number of people the day rubbish was collected	35
Rubbish Audit Data	
Organic Matter	3.00
Mostly Tissue Paper From Staff/Toilets Room	
March Audit 5/18	
Total Compostable Materials	3.00 kg
Recyclable Paper	0.50 Kg
March	0.79
Comingled Recycling	0.50 Kg
Total Recyclable Materials	1.00 kg
Soft Plastics	1.50 kg
All other waste	2.00 kg
Total weight	7.50 kg

Audited by: Ranuka Lal/Enviro Team

Notes: Last Audit (March) 11.42 kg

New Audit (May) 7.50 kg

Waste Reduced 3.92 Kg

Taking Actions

Our Green Heroes leading the way...



2021 award for

RANGATAHI LEADERSHIP
RANGATAHI, RANGAWHENUA, RANGATANGATA

FINALIST

Mission Heights
Primary Enviro Team

Mō te rangatahi e whakapau ngai ana ki te hapa me te arahi i te kaupapa pake kore,
This award celebrates leaders in the making who are showing commitment and leadership to reduce waste in their communities.

EcoMatters Auckland Council

Empowered Students

Getting our hands dirty and making things green...



Guiding Principle:

*Learning for
Sustainability*



Learning for Sustainability- Participation

**We provide learning experiences where students explore and investigate different concepts.
Our aim is to walk the talk and live our sustainable practice and vision in our daily lives!**

- Repurposing the recycled materials/ Art/ Science.
- Creating healthy meals for ACE from the garden produce.
- We have fruit trees at MHP. Fruit in school to encourage healthy eating as well as using nature to learn for e.g. using lemons for science experiments and testing the pH levels.
- Our Butterfly Garden is another amazing learning space that students regularly visit to observe the life cycle of the Monarch.
- Our Enviro Team is constantly educating the school and community through videos and talks during assemblies to promote the sustainability practice.
- We implemented a Traffic light Waste Management System.
- The Worm Farm and Composting System.
- By using our environment for learning all year around.



TERM 4

CLOTHES- Environmental Impact of the Clothing Industry: Online learning...

WE ARE SCIENTISTS

We made slides on CANVA to share our learning in science.

CAN DO

You can conduct any experiment from <https://www.sciencefun.org/kidszone/experiments/>

Make a video of it...share it on Google Classroom. Remember to explain how or why it works.

Research Greta Click on this video and write about why you think this girl is amazing.

Do you know who this man is? Search up his name-David Attenborough. Watch the video and learn about him and let him give you some important lessons.

Find a video and watch it. Write a paragraph about why he is an important man.

Check out more Science on Mystery Science.

<https://mysteryscience.com/individual/2020-mystery-science-episode-02-10-20/>

How was the basket ball invented?

Make poster about an environmental crisis that you think needs attention.

Here are some ideas for your topic. You will have to do your own research.

Save the whales
Save the white lions.
Clean the Sea
Reduce Plastic
Stop Global Warming
Stop eating meat
Save our Forests

WE ARE ENVIRONMENTALISTS

We had opportunities to learn about people like Greta Tunberg and David Attenborough.



Trash to Fashion ideas

We were excitedly collecting clothes at school for our SWAP SHOP and made sock puppets to give old socks new life.



1 Watch the video and make your own bath bombs or soap-ASK: How can we clean with non toxic detergents?
You can give them away as a gift. In the video below you will have all the ingredients in your kitchen.

2 Make soap from natural ingredients to protect the oceans.

3 Do the Soap for Kids (see vid)

4 Do your best

We enjoyed learning about how to make non toxic cleaning products.

COP26

What do the world leaders talk about at COP26?

What is the Paris agreement?

Who will be at COP26?

How can you get involved?

Watch the video and write down 3 concerns that the children have spoken about.

ANSWERS

1 They agree on targets for the future, with the aim of reducing greenhouse gases and protecting the planet.

2 Reduce their greenhouse gas emissions, stop it from getting hotter, start using more wind and solar power to make electricity.

3 Come more environmentally friendly, make progress every 5 years.

4 Representatives from nearly every country in the world.

5 Simply talking about climate change inspires others to talk and be curious about it.

6 Forest burning, land to breath because of ash and smoke, floods, disease, water.



Aneshni Naidoo
Nov 9
Morena Fire Studio

Over the past week we have been learning about Climate Change, COP26, The Scientific process and science investigations. You have collaborated well, self managed and led your learning. Ka Pai. Sharing our learning!

Climate Change I Enviro G...
Google Slides

Climate Change Answers
Google Slides

Group 5 Super stars!
Google Slides

Rainbow girls
Google Slides

Sky Warriors
Google Slides

Group 3-The Unknown
Google Slides

Climate Change Answers
Google Slides

What greenhouse gasses ...
Google Slides

Green stars - group two
Google Slides

The Roblox Gamer's Exper...
Google Slides

Monday 1/11/2021
Google Docs

Add class comment.

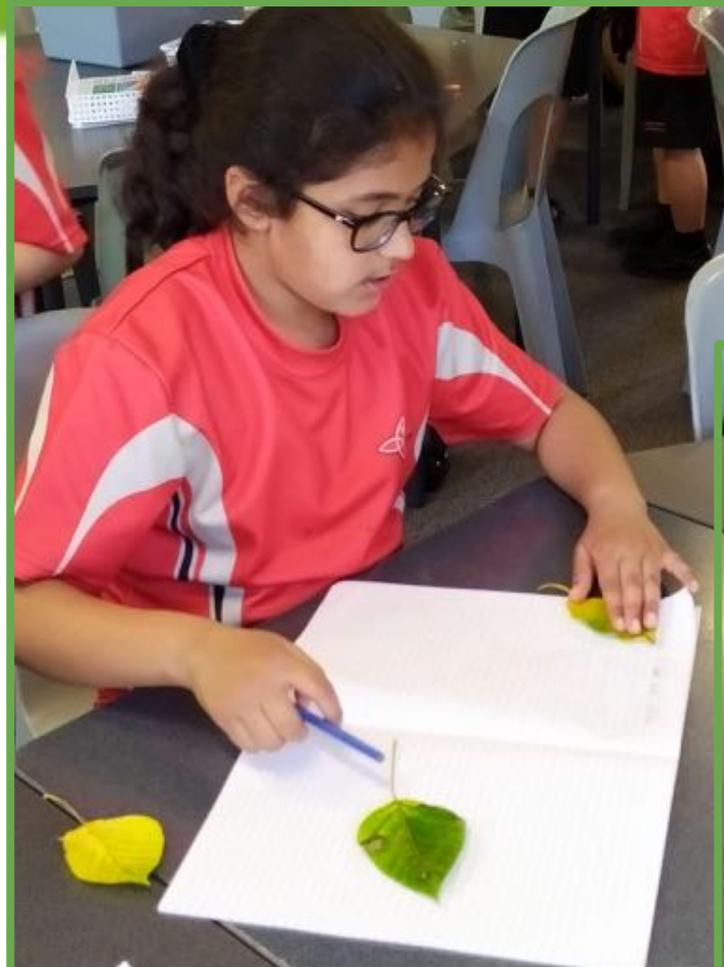
Traffic Light Bins: Working on Developing New Habits



We designed and created a Waste Management Hub for all the studios. We made up signs to tell everyone what to put in the compost and what not to put. We also made a video for the whole school to watch in the assembly. This helped people to understand how to use the bins properly. We have got some amazing junior environmental monitors who monitor our fruit bins really well. This has really empowered us all to achieve our waste reduction goals as well.

Our teachers and students are using our new MHP Waste Management Hubs around the school. We have set up a new system so the students can learn how to dispose of their rubbish in a more environmentally friendly way. It was fantastic to see that the actions we are taking today will make a difference and a better future for for us all.

Authentic Learning



In our "Be a Nutritionist" ACE, students have been learning about the different types of vitamins found in various food groups. The students enjoyed planning a healthy meal and enjoyed preparing, cooking and tasting it!



Learning to Repurpose



Learning to use our Natural Space



Mission Heights Primary School

21 March · 🌐

This Wednesday we are encouraging as many parents and children to lace up your shoes and walk to school! This is one of the best ways to get to school in the morning! Why not enjoy the fresh air and make it an awesome experience with the whānau (family).

**Lace up
your shoes!**

**Have a fresh air adventure.
It's amazing the things you
see walking to school.**

🔍 [AT.govt.nz/walktoschoolday](https://at.govt.nz/walktoschoolday)



Worm Farming and Composting System



We had to think critically about how we were going to use the waste that was going to landfill and use it in a way that will benefit our environment. We had to start a compost bin after knowing the fact that we couldn't put all organic waste in the worm farm, e.g. citrus, onions, spicy food, and shiny coated paper. We learnt that the worms definitely loved the banana peels!

We created a worm farm with tiger worms. We fed the worms every second day with the fruit break leftovers. The compost bin takes the rest of our green and brown waste. We did have some help in setting up these systems and it was really interesting and fun. The set up was quick and easy. We use our worm tea in our gardens as plant food. Worm farming helps us to reduce a lot of waste into the landfill.

Guiding Principle:

*Maori
Perspectives*



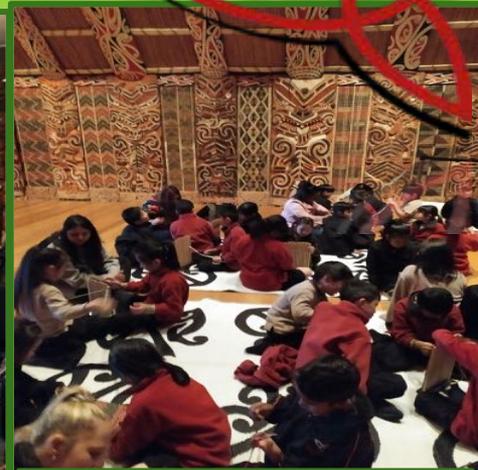
Maori Perspectives: Connecting with Our Place and People



Our aim is to acknowledge and respect the tangata whenua and dutifully carry out our roles and responsibilities as the kaitiaki (the guardian of the Papatūānuku).

- The Maori perspectives is embedded into our daily practice.
- Pause, Breathe, Smile programme using the Te Whare Tapa Wha model
- This is the very first year our students went on an overnight noho marae sleepover experience.
- We celebrate Maori language Week & Matariki every year.
- We also perform a mihi whakatau welcome new staff, students and families every term
- Te Reo programme.
- We have a combined (MHP and MHJC) hui for our Maori and Pasifika families every year.
- We also have our school Kapa Haka Group that performs during festivals (Koanga festival and Polyfest) and our assemblies.

Matariki Festival & Kite Festival and the Marae Visit



Marae Visit



TERM 2- INTEGRATION-Matariki & Kite Festival

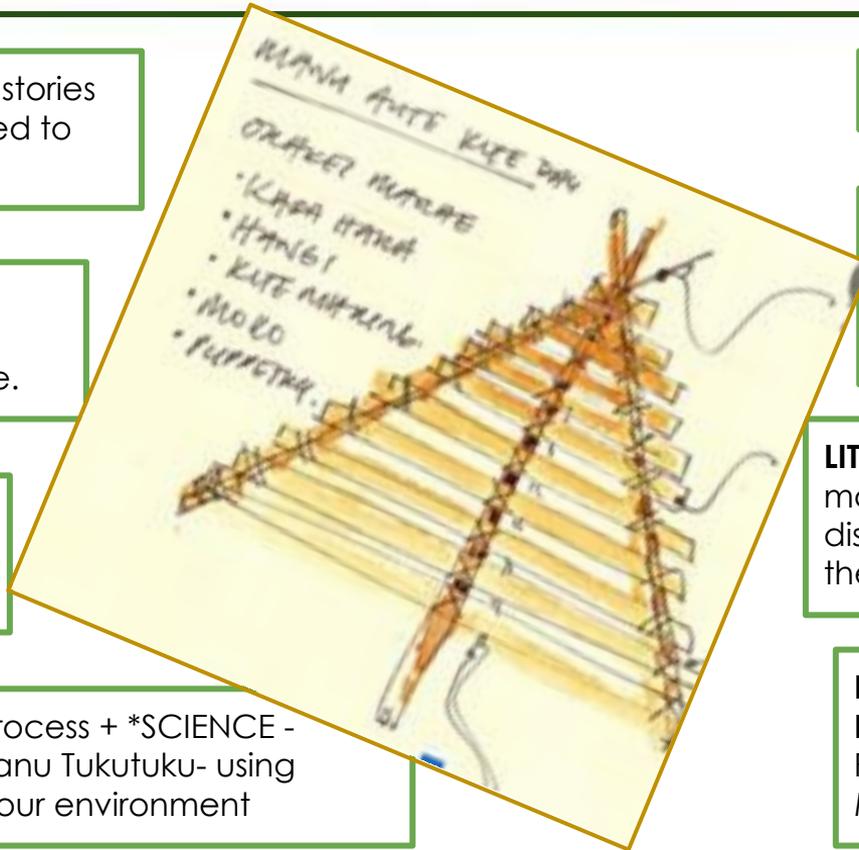


ART- Carvings and the stories within the marae related to the carvings.

FOOD TECHNOLOGY- Hangi and its history-connection with nature.

SOCIAL SCIENCE- Protocol, customs on a Marae.

TECHNOLOGY- DMA process + ***SCIENCE -** Materials- making a Manu Tukutuku- using natural materials from our environment



DANCE- Poi + Kapa Haka

MUSIC- Songs were sung as greetings, prayers and celebration.

LITERACY- Plays- Presentation of maori legends. Reading and discovering the significance of the stars.

HEALTH AND P.E- Sleep-over
KEY COMPETENCIES-
Participating and contributing
Managing self

Pōhutukawa is the star connected to those that have passed on.

Tupuārangi is connected with everything that grows up in the trees: fruits, berries and birds

Tupuānuku is the star connected with everything that grows within the soil to be harvested or gathered for food.



Ururangi is the star connected with the winds.

Matariki is the star that signifies reflection, hope, our connection to the environment and the gathering of people. Matariki is also connected to the health and wellbeing of people.

Waitā is associated with the ocean, and food sources within it.

Matariki Week & Kite Festival



Week 9 was filled with some amazing learning! The start of Matariki and our book week celebrations! Looking forward to our end of term kite festival this week! We'll be flying our kites on Friday morning. Come and join us! Please see the email updates from your child's teacher for times and details.



Whole school: Learning from Experts



Mission Heights Primary School

7 July · 🌐

In Fire Studio today we had a Matariki celebration! We enjoyed some delightful pumpkin soup, some delicious star-shaped cookies and some scrumptious Māori bread.

Thank you to the Fire Studio teachers and Mrs Lal for creating some amazing learning today!



Guiding Principle:

*Sustainable
Communities*



Sustainable Communities - Our Practice



At MHP we make sustainable choices. We ensure that our actions have a positive impact on the living world around us.

- We established a traffic light Waste Management Hub
- Recycling is an important part of our school.
- Saving energy with auto lights and conserving rainwater with our water tanks.

We value connecting with the Communities and involving our whanau and parents.

- Our school uniform upcycling/ exchange/sale shop
- The Travelwise team also has their eye on reducing our carbon footprint through our biking to school and walking school bus initiative.



Connecting With Our Community

What a fabulous community we have here at MHP. We are so lucky to have supportive whanau who are keen to help out.



At MHP, we are always excited to bring in some experts from the community to share their knowledge with us. A huge thank you to Junina, Grayson's Mum, who came and spoke to Whenua Studio for Samoan Language Week. We got to see some beautiful artefacts and learn a bit about the Samoan culture. Fa'afetai lava (Thank you) Junina!



Our Very Own Edible Garden



Our New Bike Track

Our new bike track is a favourite place for most of us who like biking. It was a space that was pretty much not used.

Now with a bike track, it is such an effective use of space. It's not just for our enjoyment and entertainment but it comes with other benefits as well.

It is great for our health! We get to exercise and also keep ourselves fit.

It definitely helps reduce pollution and traffic congestion around our school, making our environment safe for all.



Guiding Principle:

*Respect for the
Diversity of People
and Cultures*



Respect for the Diversity of People and Cultures



“Our People at MHP”

At MHP we celebrate and acknowledge our diversity. We value community involvement and respect the richness and uniqueness they bring to our school.

- We incorporate and celebrate festivals and languages.
- We celebrate different Pacific Island language weeks
- Maori Language celebrated throughout the school.
- Diwali/ Chinese New Year / Moon Festival /Grandparents Day.
- We have different cultural groups that connect our school with our wider communities.
- Kapa haka, Samoan Sasa , Korean Fan Dance, Bollywood Dance.



We are very grateful that we were able to celebrate Chinese New Year as a school before the Level 3 Lockdown. We also had an article published in the Chinese Herald - you can check it out here <https://www.chineseherald.co.nz/.../education/mission-heights/>



Manuia le vaiaso o Gagana Samoa!
Happy Samoan language week MHP aiga (family).
How awesome are our teachers! Check out the amazing displays around the school for our children to learn more about our Pacific neighbours!
Fa'afetai lava! Thank you for your amazing work team. Love seeing the colours around the place!



Message from the Enviro Team



We are the Enviro Team at MHP. Our job is to help create a healthy and clean earth and we take our jobs very seriously. We have only 1 planet that we can survive on. There is no other earth, so we are not looking after the only earth by littering and polluting. I ask myself all the time, how will we survive? And what will the future look like?

Right now, it seems like we have a lot of work to do! This is why we need your help to create a clean environment for humans and animals to live in. We request all to do the right thing and make good choices with daily actions. Start a worm farm and grow your own food and most importantly, look after your own waste. Let's look after our blue planet for our future generations so they can enjoy what we have today, tomorrow and the day after!

Kia Kaha

MHP Enviro Team



Decision Making
Cate

Our Next Steps are...



School/ BOT

- *Reduce photocopiers.
- *Expanding our gardens.
- *Cooking & science trolleys.
- *Market our produce.
- *Garden to table project.
- *New Nature Playground.
- *Maori traditional games.



Maintenance - Staff and Students

- *Repurposing our recycling materials.
- *Recycling/Waste minimisation.
- *Worm farming and composting.
- *Edible Garden /Caring the fruit trees.



Enviro vision: Create a sustainable environment and promote care, passion and respect for our nature.

Community/ AKL Council

- *Carbon Emission Project.
- *Uniform exchange swap shop.
- *Plant trees along the bike track.
- *Seed propagation shed.
- *Maori medicinal garden.
- *Restore Tāne forest- outdoor classroom.

Te Aroha

**Te aroha
Te whakapono
Me te rangimārie
Tātou tātou e**



Karakia whakamutunga (Close of the day karakia)



Ka whakainia te tapu
Kia wātea ai te ara
Kia tūruki whakataha ai
Kia tūruki whakataha ai
Haumi e, hui e! Taiki e!



Restrictions are moved
aside
So the pathway is clear
To return to everyday
activities
Enriched and unified!

We are still a Green Gold Enviroschool because:



At MHP, sustainability is **integrated** in all our teaching and learning experiences and practice, and it reflects in whatever we do within the classroom and beyond.



Our Enviro vision is deeply **embedded** through our actions. It is part of our culture at MHP. Our current choices and actions prepares and drives us all towards a **sustainable** future.



The five Guiding Principles underpins the **vision** and values of our school in delivering a future-focused curriculum.



At MHP, we **empower** all students to be lifelong learners and to be **courageous** to share their sustainable practice and knowledge with the wider community.



At MHP, we have a strong connection with our environment and our community. We ensure that all different cultures are visible at MHP so our students feel **deeply** connected and their mana is respected.



At MHP, we care and respect our nature. We recognise the importance of our environment and understand our role as a kaitiaki. Our role is **instinctive** in our everyday life.



At MHP, all our students are **critical** thinkers, confident, risk takers, and problem solvers.



Our learners are at the centre of all decision making and lead their learning at MHP. Student voice valued and is important to us.



At MHP, we **effectively** carry out actions that have a positive impact on the living world around us. We reflect and think about the effects of our actions on the environment.

2021 successfully completed...2022 here we come!

At MHP we endeavour to create and provide a sustainable future focused environment; where we inspire our students, are able to make wise choices and develop care, passion and respect for our nature.

