



One planet

South Africa



Annual Report
2022





Overview

2022 has been very exciting for the small one Planet SA team, as although we are now a newly founded NPC and NPO, we have over 25 years of collective Environmental Education experience in South Africa. The founding of One Planet SA has been a celebration of this and way to continue our valuable contribution to the climate crisis without having the burden of a large organization. One Planet SA is a NPC and NPO with Tax exemption.

We have also set up a website www.oneplanet.org.za and are very visible on Social media too through

 [oneplanetsa](https://www.facebook.com/oneplanetsa)  [oneplanetsa](https://www.instagram.com/oneplanetsa)

Our financial year runs from Jan – Dec as this synchronizes best with our school-based interventions.

This report takes into consideration the work we did from Jan – Dec 2022 as that is how we report on our school achievements aligning with the school calendar.

We are immensely proud of our achievements for the 2022 year.

We collectively report on:

- Our new Partnership with Nature Connect SA and the Sustainable Schools Programme (SS)
- The Solon Foundation school cluster
- The HCI Foundation school cluster
- “Healing is in the Pot” International research project



What is the One Planet Water Explorer (Global Search for Sustainable Schools) about

Shaped on a model of partnerships and collaboration, the Sustainable Schools Programme (SS) aims to cultivate Education for Sustainable Development (ESD) practices in a way that is locally relevant in South African schools. Developed and supported by Nature Connect, and a network of like-minded partners such as One Planet SA, the Programme is a holistic approach to ESD (Education for Sustainable Development), supporting whole school participation in a continuous learning, action, reflection and adaptation process.

The Programme offers a multitude of key learning and teaching strategies in ESD – applicable in the classroom, the wider community. With a solid foundation of commitment and partnerships in place, and the support of an interactive Online Platform, the Sustainable Schools Programme employs key features such as in-school ESD support lessons that are integral toward guiding schools on their sustainability journey. This has always been part of our approach in successfully delivering on the Water Explorer as well as the Global Search for Sustainable Schools Programmes, that we have managed over the past 6 years.



Environmental Education

CLIMATE CHANGE BIODIVERSITY WATER ANIMAL ETHICS/COMPASSION

8 050

Children

receiving environmentally
action-based lessons

Who is One Planet South Africa?

Here at One Planet SA, we know that sometimes all it takes to change the world is a little support. Although we were only founded in 2021, we have been making an impact for over 10 years through the implementation of projects that support the development of an environmental ethic in the communities we work with. The core of our efforts is to bring about a love, wonder and care for our planet through all we engage with.

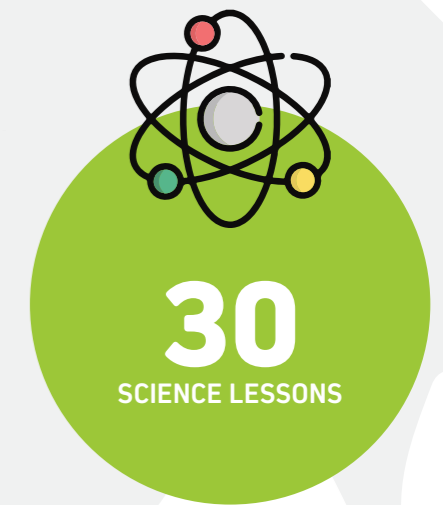


Climate change

"I feel Inspired by the courage of Greta, but also it makes me feel robbed of my rights and responsibility for what has happened. I feel I must do something to stop climate change"

"I feel I cannot trust anyone who says we can stop climate change and at the same time I feel like I can go and punch the president and ask him why he did not tell us and he did nothing to prevent climate change getting worse every year"

In Solidarity with the Global School Strikes for Climate, we supported a number of Climate Crisis lessons with Grd 7s in some of our schools. We learned the science, causes, impacts and solutions in a fun and engaging way. Learners were stunned to be hearing this for the first time and were baffled, angry and sad that older generations simply don't care enough to make real changes. We discussed solutions and demonstrated to power of the sun using our solar ovens we had built to cook apples and custard and we planted spekboom as a gesture.





The Sustainable Schools Programme

Support visits involve co-teaching an environmental lesson (topic) in the classroom with the teacher and assisting the class to start a relevant mini-action project, to sustain it and plan for the next activity. We usually work with Grd 4 -7s and try to support the same group of learners for an entire year. We work with schools on a 'Work together /Work away" approach so that we aren't doing the work for the school, but rather, supporting them to implement the projects themselves. On average schools were visited between up to 9 times depending on the time they had available, and our project budget.

2022 ACHIEVEMENTS



8050

learners from 13 schools received practical in-classroom environmental lessons



150

in-school support visits between 2 - 5 hours each, were conducted



50

teachers were involved in the co-teaching of our lessons

Sustainable gardening (Biodiversity)

September was Heritage and Arbor Month - a wonderful opportunity to celebrate our NATURAL Heritage. South Africa comes up in the top 3 of the most biodiverse countries on earth. Without our Natural Heritage there can be no cultural heritage or anything else for that matter. Learners from many of our schools spent the day celebrating Trees, Nature and culture in a lovely lesson on indigenous plants and then expanded the natural heritage in their school gardens by planting over 20 different water wise indigenous species.



13

PERMACULTURE LESSONS



38

BIODIVERSITY LESSONS



15

WATER & WETLAND LESSONS

8 School gardens planted

500 Children planted gardens



Animal compassion & ethics

“Consider that animals, like us have one life. It is their life, their only life and as important to them as our own life is to us” ~ Jill Robinson

Harriet went to school today to teach learners about animal empathy.

Learners were not surprisingly smitten with obliging and oh-so-friendly Harriet who did her upmost to get as many pats and scratches. They learned that animals have rights too, and that like us are entitled to their 5 Freedoms, those being the Freedom from Hunger and thirst, discomfort, freedom to express their normal behaviour and Freedom from pain, injury and disease and; from fear and distress. Unfortunately, they learned that it is humans who very often abuse these rights through horrifically cruel farming practices amongst countless other abuses. Learners spoke about feelings and learned that animals feel the very same things we do. They were horrified at some of the awful things humans do to the 70 billion farm animals that are killed yearly for human consumption. They pledged to share what they had learned by writing the 5 freedoms on their fingers to tell their family and friends about them too. It costs nothing to be kind.

Olwethu Msimang (Grd 7) from Corrie Lynn writes : We should treat animals like human beings. We should not overwork them. We should make sure they always have enough food and water. And please make them a shelter and make sure the shelter is safe and warm for the animal. We should give the animals love and make them feel like a family member.



Karkloof vaccination campaign

In addition to the individual in-class biodiversity and climate lessons, we have also held a number of other events to foster a culture of sharing and collaboration between the schools. In preparation for an animal compassion lesson in the latter half of the year, One Planet and The Friends of the Karkloof held a vaccination and deworming campaign. Over 30 dogs were collected from the Karkloof Valley and Sunward Park Veterinary Hospital arranged for each dog to receive a rabies vaccination and a dose of deworming and flea treatment. The dogs were each given a goodie bag of Arcana food and a feeding bowl. The outreach event was a great success and we believe that interventions like this help to promote responsible animal ownership and a culture of trust. (Julia is a trained vet nurse, so she was indispensable.)

Karkloof Big Day Out 6th May 2022

One Planet assisted the Karkloof Conservation center with a series of environmental activities at the “Big Day Out”. This annual fun run event was postponed as a result of the Covid pandemic last year, but this year it was very encouraging to see such wonderful turn out from all three Karkloof Schools; Yarrow Intermediate, Triandra and Hawkstone Primary. After a 3km fun run, One Planet facilitators set up an environmental education station teaching the children to identify common trees, bird song and animal spoor in their environment. Outside the formality of the classroom, the learners were very receptive and judging from the comments we received most learner came away with a renewed appreciation for the protection of their natural heritage.





Umngeni Valley Teacher Workshop

Despite wet and freezing conditions we were very encouraged to receive a turnout of 18 teachers from seven SS schools for a day on nature-based learning at Umngeni Valley, Howick. Co-facilitated by well-known nature guide, John Roff, the intention of the workshop was to introduce teachers to basic techniques they can use in their immediate school environment to evoke a curiosity and understanding of our natural world. We were also glad to have the support from DBE Subject Advisor Jill Cadle, who ran a very good impromptu session on the barriers of learning for children. She also commented how the very workshop reflected what the DBE tries to encourage 'professional development gatherings'.

'I learned some new things, realised there are areas (practical applications) where I have a lot to learn, and made lovely new connections with people. What most struck me was what relief and joy I felt to be in an environment that was not dominated by departmental sludge. We all spoke the same language and were given space to speak it. Another thing significant to me was the reminder and reassurance that small actions and behaviours are enough, and significant. I so easily feel overwhelmed by the enormity of issues. Thanks again!' Jill Cadle, NS Subject Advisor.

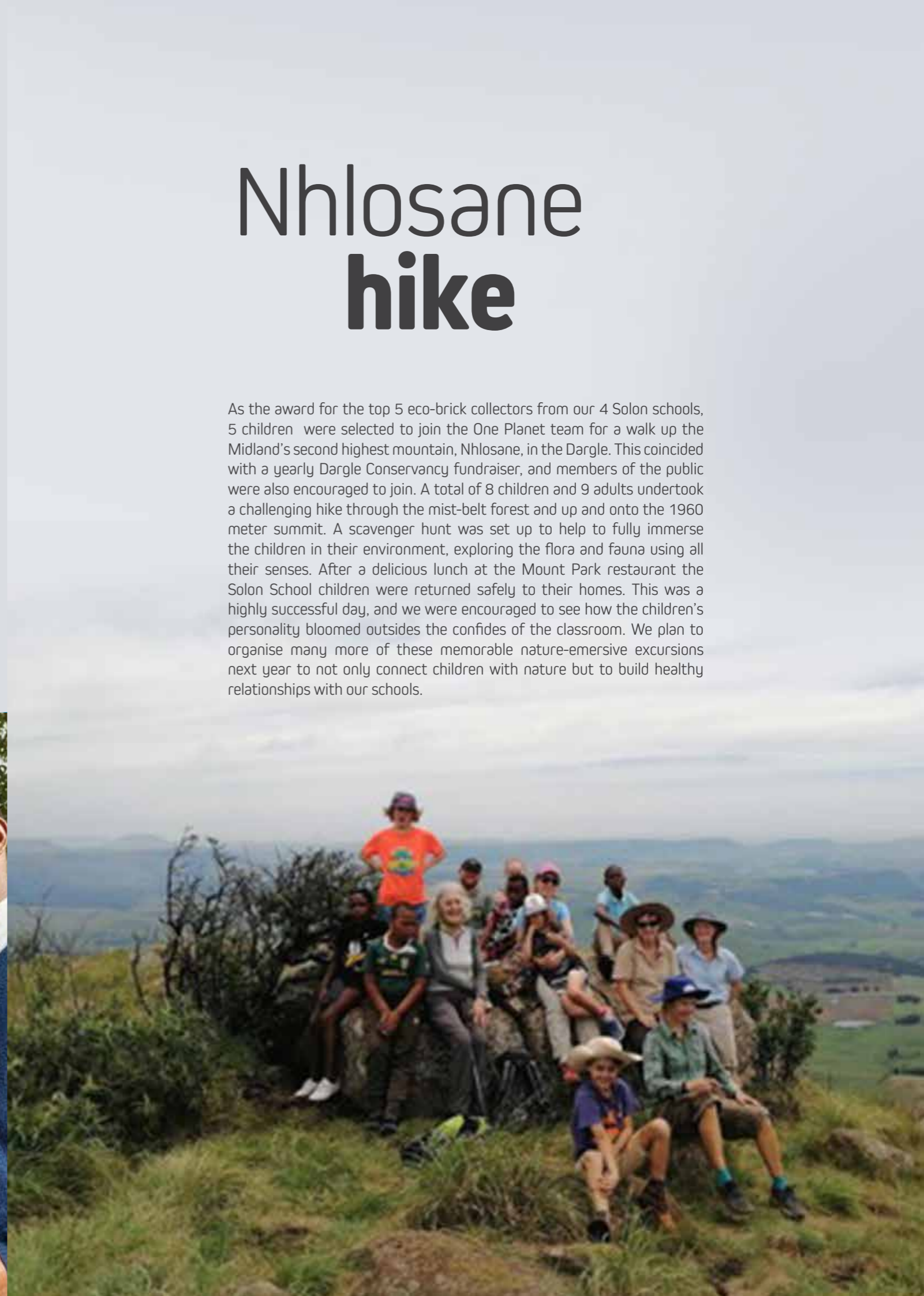
Happy Earth Summit 21 - 22 April 2022

After a 2 year covid-lull, One Planet SA was very excited to share in the festivities of the 2-day Happy Earth - Environmental Education Sustainability Forum (HEF). The beautiful Pietermaritzburg botanical gardens provided the perfect location to host 1400 learners from 30 Pietermaritzburg and surrounding schools. Environmental facilitators from different 14 environmental NGO's provided a free space to get children outdoors and engaged in several environmental educational talks, games and value-led activities. One Planet focussed their activities on zoning children's senses and their appreciation of their immediate environment. Children learned to identify different bird songs and isolate out diagnostic features differentiating one plant from another. Although the activities were simple, there was a palpable shift in the excited learners. Some the impressed teachers enquired about our programme and certainly our small network of enthusiastic schools has been broadened through this outreach effort.



Nhlosane hike

As the award for the top 5 eco-brick collectors from our 4 Solon schools, 5 children were selected to join the One Planet team for a walk up the Midland's second highest mountain, Nhlosane, in the Dargle. This coincided with a yearly Dargle Conservancy fundraiser, and members of the public were also encouraged to join. A total of 8 children and 9 adults undertook a challenging hike through the mist-belt forest and up and onto the 1960 meter summit. A scavenger hunt was set up to help to fully immerse the children in their environment, exploring the flora and fauna using all their senses. After a delicious lunch at the Mount Park restaurant the Solon School children were returned safely to their homes. This was a highly successful day, and we were encouraged to see how the children's personality bloomed outside the confines of the classroom. We plan to organise many more of these memorable nature-immersive excursions next year to not only connect children with nature but to build healthy relationships with our schools.



Corrie-Lynn Primary School



“The One Planet team really helped to bring the textbook to life with simple insulation and conduction experiments. Both learner and educator benefit from the programme, as the frequently overworked and understaffed teachers at Corrie-Lynn often find it difficult and time consuming to plan exciting lessons and appreciate the variety offered. Furthermore, learning principles with real applications such as the design and testing of a solar cooker, empowers learners to take simple measures to reduce their electricity consumption at home” ~ Mr Khumalo

Their well-maintained vegetable garden and beautiful biodiversity gardens are a significant attribute in this tiny school's grounds. They continue to use tippy taps as a water conservation method. They made an excellent effort with their eco-brick collections, their top two collectors, collected 28 and 32 bricks each. They have made a commitment to animal compassion too!

22 learners reached **9** interactive lessons



“The support that we receive is of tremendous value, because of the skills and knowledge that is brought to the teachers and learners, upbrining the quality of teaching and uplifting the community through our learners. Our community is now aware of sustainability and more importantly HOW to live more sustainably.” Mr Dladla

Lessons ranging from secret water, fracking, water auditing, climate change, sources of energy, biodiversity, properties of materials (melting & boiling points, experiments). The school have established a nursery and they have a thriving permaculture garden. They celebrated Water Day and invited Hilton College and neighboring schools to attend their interactive water workshop. Arbor Day was celebrated by expanding their indigenous gardens.

KwaNgubeni Primary School

250 learners reached **10** interactive lessons

Hawkstone Primary School



Connecting with environment was great we learned a lot about the tree community and taking into consideration how to integrate practical activities into the classroom. It also helps learners that have difficulties in learning. Practical learning helps learners to express themselves better and also stimulates critical thinking.’ ~ Principal, Agrineth Zuma

It has been encouraging to see Hawkstone lead the way this year as a shining example of an active and engaged Sustainable Schools school. They have a thriving indigenous garden and won the eco-brick challenge collecting over 230 bricks. They have learned conducted scientific experiments and learned about Climate Change.

40 learners reached **4** interactive lessons

“We highly value and appreciate the support that One Planet Sustainable Schools offers in our school, because ever since they arrived firstly academically it integrates with subjects like Natural Sciences and has practical actions that help to care of our environment. Our learners pass rates have improved particularly in NS and we have really understood complex topics like Global warming and have been encouraged to think and make creative solutions too.” ~ Ms Zwane

The school has identified waste as one of the issues affecting them, hence they have established a waste station for sorting their waste. They have re-established and expanded their vegetable garden and cleaned up their nursery to equip learners with proper outdoor learning. The school usually presents their scientific experiments we do in class in the school assembly to ensure that all learners can benefit from the learning. They celebrated many environmental days this year and Valentines Day by wearing green for the love of our planet.

300 learners reached **10** interactive lessons

Nobanda Primary School



Nhlonhlweni Primary School



*“One Planet SA explains environmental content and facts very clearly and actively and helps support the curriculum”
~ Mrs Madondo*

Celebrating Wetlands and Water month, Nhlonhlweni is a waterwise school and used tools of citizen science to measure the water quality of a nearby stream. They have expanded their indigenous gardens and sustained a productive vegetable garden. They have learned about the Climate Crisis and have tested solar ovens and insulation materials. They celebrated Arbor and Heritage month by focusing on their natural heritage.

90 learners reached **4** interactive lessons



*“We have appreciated all the enthusiasm and practical nature of meaningful environmental activities you have brought to our school with the SS programme”
~ Sandy Smart*

A first year for Howick Prep, they have already set up a thriving eco-club, started a vegetable garden and have become custodians of the Umgeni River. They have learned about Climate Change and collected 300 eco-bricks and supported 4 clean-ups in and around the school. They have collected needed items for charities such as FreeMe, SPCA and Santa’s Shoe box

Howick Prep School

150 learners reached **6** interactive lessons

Phumelelani Primary School



*“Learners have learned not only to save water but to avoid destroying wetland for the future of our water resources”
~ Mrs Sebe Mbele*

This year they are working actively on recycling and waste management through the collection of eco-bricks of which they have collected around 500 and developed some prototype benches for their fields. They have also used reclaimed pallets to make some lovely outdoor furniture. They have adopted a local stream and are monitoring the water quality using miniSASS. They have engaged in a scientific experiment of insulation and tested and worked with a solar oven and are familiar with the science, causes and impacts of climate change.

70 learners reached **4** interactive lessons

“Your support enhances the integration of different subjects as well as practical involvement of learners fully in a lesson. You motivate teachers to be innovative. Through your great hands on activities you put theory into practice making it real for the learners and teachers. Learners enjoy and have fun in the lesson and are never feel bored. I have noticed even the shy learners actively participate freely in your lessons which means that they are inspired and feel part of the group” ~ Antonia Mkhabela, Deputy Principal

Our only plastic-free school! Shea O’Connor, sustains and takes care of a wetland within their grounds and have flourishing vegetable gardens. They have learned about what real nutrition is and harvested heritage weeds. They have supported a number of clean-ups in their town and have learned about Climate Change

150 learners reached **4** interactive lessons

Shea O’Connor Combined School





One Planet was honoured to have had been selected by the Transformative Education for Sustainable Futures Network (TESF) coordinated by the University of Bristol and Rhodes University to participate in a 18 month long research project involving over 50 research projects in South Africa, Somaliland, India and Rwanda. Our research project was called Okuphilisayo Kusembizeni – Healing is in the Pot.

Food is entwined with culture, our community, and the landscape. Many good health practices of indigenous people in South Africa were dismissed and erased by colonialism. With the global shift to a faster, more convenient diet, we have lost many of the connections that have made food production and mealtimes central to human community for centuries. As a result, we have lost much of our food diversity, nutritional wisdom and joy. Our research centered on learning actions around sustainable food choices and how these can make a positive contribution to climate action, as well as enabling people to live healthier lives. We worked together with a team of people who wanted to learn more, share indigenous knowledge and experiences, explore new tastes, live healthier lives and who care about the problems our planet is facing. As part of the transformative experience we tracked the learnings, as the participants tried out different recipes and shared what they learned with their wider communities. One of our outcomes has been a recipe book which captures all the tried, tested and enjoyed recipes by the team. We have also written up our findings in an academic paper and a simple report that are available through the TESF Network and on our website.



Food is entwined with culture, our community, and the landscape.





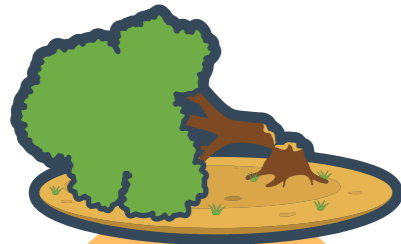
6

ANIMAL COMPASSION AND INTERACTION EXPERIENCES



10

TIPPY TAPS WERE INSTALLED/ MAINTAINED



25

HOURS OF ALIEN INVASIVE SPECIES CLEARING



One planet
South Africa

Financials

Profit & Loss Annual Report Jan - Dec 2022

	Total
Income	
1000/000 GSSS GRANT	0,00
1000/020 GSSS-Salaries	-17 500,00
1000/030 GSSS-Travel	-3 000,00
1000/040 GSSS-Operating Expense	-889,95
1000/050 GSSS-Resources	-993,46
1000/060 GSSS-Workshops/Events	-92,00
1000/070 GSSS-Small Projects	-8 000,00
Total 1000/000 GSSS GRANT	-R 30 475,41
1100/000 SOLON SA GRANT	0,00
1100/010 Solon SA Income	125 400,00
1100/020 Solon SA-Salaries	-83 499,99
1100/030 Solon SA-Travel	-6 735,00
1100/040 Solon SA-Operating Expense	-6 000,00
1100/050 Solon SA-Resources	-4 725,87
1100/060 Solon SA-Workshops/Events	-7 000,00
1100/080 Solon SA-Management Fee	-11 400,00
Total 1100/000 SOLON SA GRANT	R 6 039,14
1200/000 Nature Connect	0,00
1200/010 Nature Connect-Income	300 000,00
1200/020 Nature Connect-Salaries	-175 560,00
1200/030 Nature Connect-Travel	-8 303,98
1200/040 Nature Connect-Operating Expense	-3 591,00
1200/050 Nature Connect-Resources	-15 110,47
1200/060 Nature Connect-Workshops/Events	-11 831,59
1200/080 Nature Connect-Management Fee	-21 945,00
Total 1200/000 Nature Connect	R 63 657,96
1300/000 HCI	0,00
1300/010 HCI-Income	279 484,00
1300/020 HCI-Salaries	-128 000,00
1300/030 HCI-Travel	-14 072,97
1300/040 HCI-Operating Expense	-16 650,00
1300/050 HCI-Resources	-3 400,28
1300/080 HCI-Management Fee	-25 142,00
Total 1300/000 HCI	R 92 218,75
1400/000 Sundry Projects	0,00
1400/010 Sundry Projects-Income	12 960,00
1400/030 Sundry Projects-Travel	-1 533,00
1400/050 Sundry Projects-Resources	-577,08
1400/060 Sundry Projects-Workshops/Events	-3 200,00
Total 1400/000 Sundry Projects	R 7 649,92
Donation Received	1 502,89
Total Income	R 140 593,25
Gross Profit	R 140 593,25
Other Income(Loss)	
Interest income	5 189,65
Total Other Income(Loss)	R 5 189,65
Expenses	
Total Expenses	
Net Earnings	R 145 782,90



One planet

South Africa

Get in touch with One Planet SA to learn more about our work and how you can get involved.

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