SMART LIVING COURSE 2017

BY TAKISHA TAUTE

Smart Living Course Leadership Actions

- I had an amazing experience being chosen for **The Smart Living Course**

- I learnt so much and I would like to share my experiences with you all and present you with my leadership actions.

INDEX

- My experience from the smart living course 2017
- The knowledge I obtained from the smart living course
- My two leadership actions
- Appreciation to the organization who gave me this wonderful opportunity

Camps Bay Beach Clean Up



First leadership action











Family & Friends Involvement









Ottery Youth Care Centre Involvement

- I was privileged to lead the Ottery Youth Care Centre in a beach clean up I arranged at Camps Bay Beach
- I decided to encourage the boys who are associated a lot with negative behaviour coming from a disadvantaged background to do a very positive action which was not only good for the environment but also for them going forward



Operation Clean Up












Let's Clean-up &
Plastics SA

Leadership Action 2
Class Presentation





Encouraging and Educating my class mates at my school

- Encouraged class mates to protect and keep our environment safe
- Told them that saving our environment starts with each and everyone one of us
- Motivated them to make a difference today
- I presented a few of the things I did on this course, as well as my beach clean up and other tips like saving water
    - View Video

My experience from the smart living course 2017

- I learned so much from this course and I wish it did not have to end. I met so many different people and definitely made lots of friends, it changed my view of everything. I enjoyed working with people and taking part in different challenges and activities.
- This really will help me in the future and I would like to do this again.

The knowledge I obtained from this smart living course

- I learned many things from the course that will really help me in the future to take care of our precious environment.
- One of the topics we discussed was Bio – diversity which means Bio- means living and Diversity- means variety/ different. The other topics was Conservation Status, Ecosystems SA and the Western Cape. Human impacts, Marine protected areas, Biodiversity Article, Abiotic and Biotic factors, Water, Energy, Generating electricity, Waste

APPRECIATION TO THE ORGANISERS

- Thank you so much to the organizers for a fantastic course where I not only learnt quite a lot but a lot met amazing friends along the way
- I found this course enjoyable, fun but yet at the same time it taught me so much on how precious our environment is and how to protect and keep it safe
- This course has encouraged me to bring about change in my home, community and even in my school
- It was an honor for me to be part of this team
- I am now able to teach others on how to keep our environment beautiful and take care of our natural resources
- For this I want to show appreciation by continuing to be an exceptional example to everyone by doing environment actions on a daily basis

- I would like to leave you with these wise words
- **Be the change you want to see in the world.**

THE END


"We won't have a society if we destroy the environment."
Golfian.com
-Margaret Mead

THANK YOU

THE ENVIRONMENTAL CLUB

RELATED TOPICS:

- THE INTRODUCTION SPEECH ON RECYCLING
- GETTING READY FOR THE CLEANUP
- THE CLEANUP
- WEIRD THINGS THAT WE FOUND
- CLEANING CAN BE FUN
- THE FINAL CLEANUP
- RAISING AWARENESS

INTRODUCTION











GETTING READY FOR THE CLEANUP









THE CLEANUP









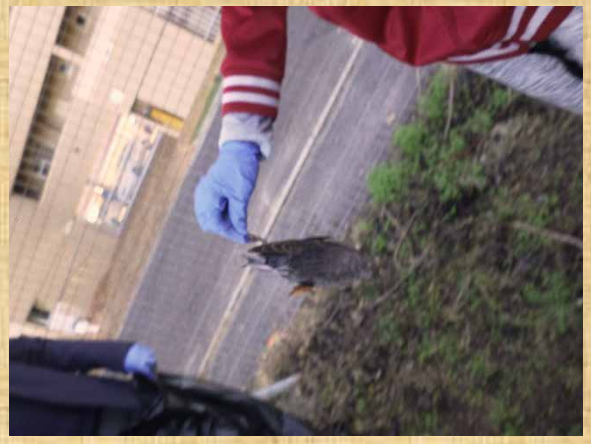

SOME ODD THINGS FOUND













CLEANING CAN BE FUN









THE FINAL





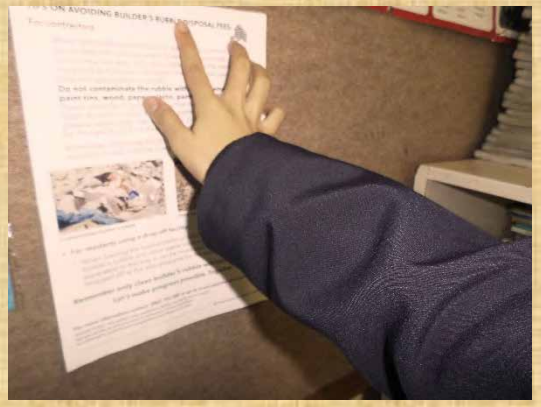


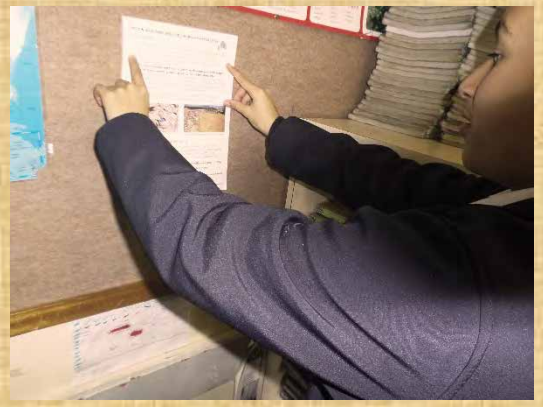




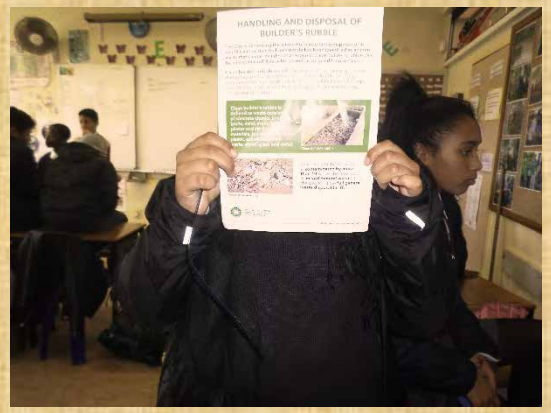


RAISING AWARENESS















My Two Oceans Environmental Activities

By: William
Everatt

A Beach Clean-up

















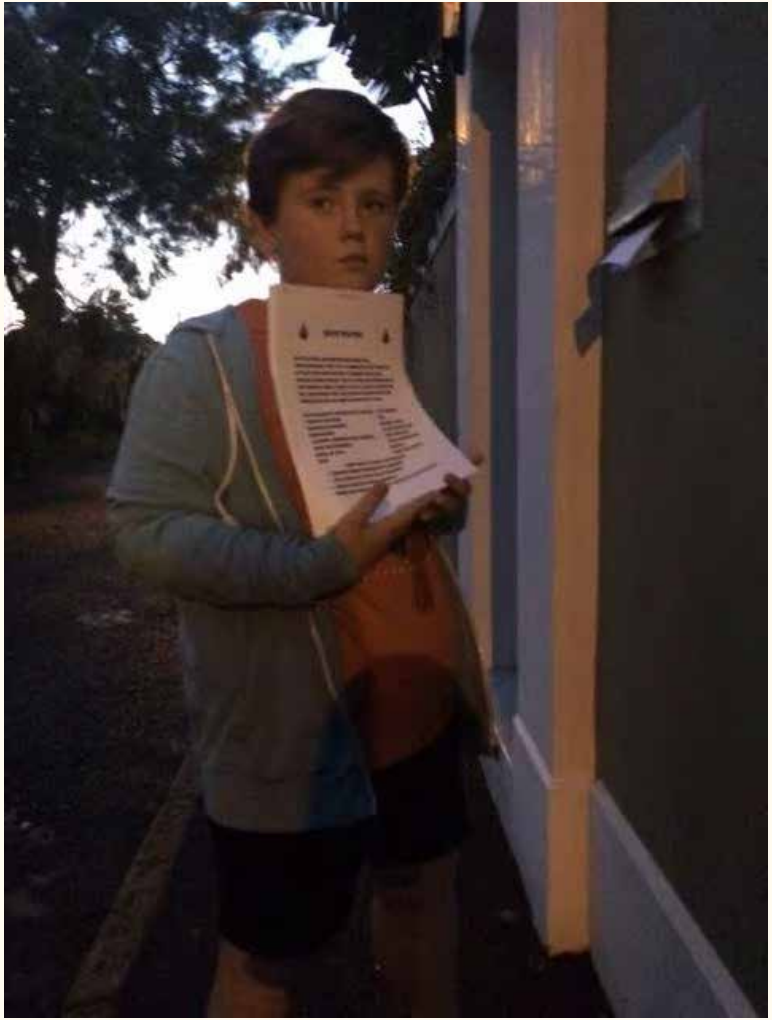





Clean-up & Recycle
20 years
ENGEN

Water Saving Campaign









THINGS I DID TO HELP THE ENVIROMENT

Tyler langeveldt

Clean Up

Monday

School clean up

The first thing I did was a school clean up. My friends and I spent 20 minutes cleaning the whole school and we did not even fill a whole bag. When we took the pictures when struggled to get a good picture where you could see us but it was sunning so we just took a picture of the bag instead. I just took the yellow bag that we got at the aquarium and used that

Pictures of Monday school clean up



Plant protecting at home

Monday

Plant protecting at home

So I was thinking what to do to protect my environment at home, then I desided to put up signs

1. PRESENTATION ON BIODIVERSITY

Presentation Slides 1 to 4

BIODIVERSITY

By Thaafir Mustapha 7c

WHAT IS BIODIVERSITY ?

Bio means life.
Diversity means variety.

So biodiversity means variety of life. There is biodiversity all around us and the more species in the habitat, the more diversity we have.

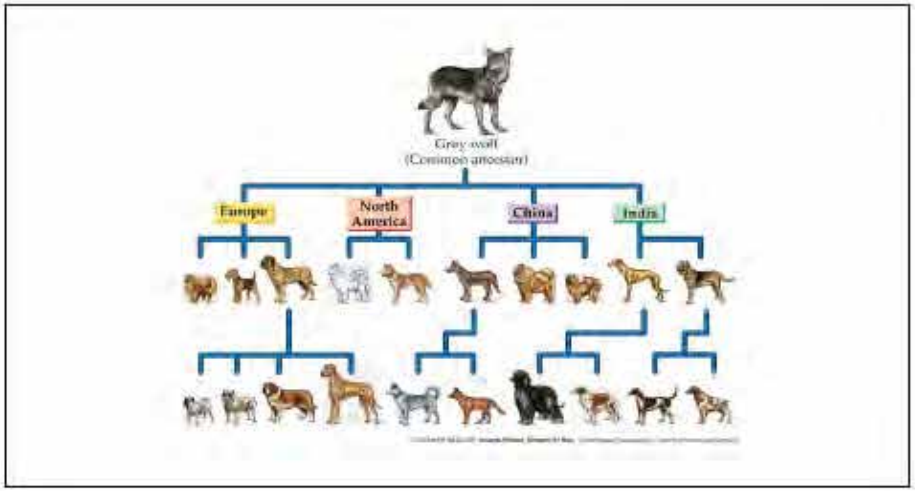


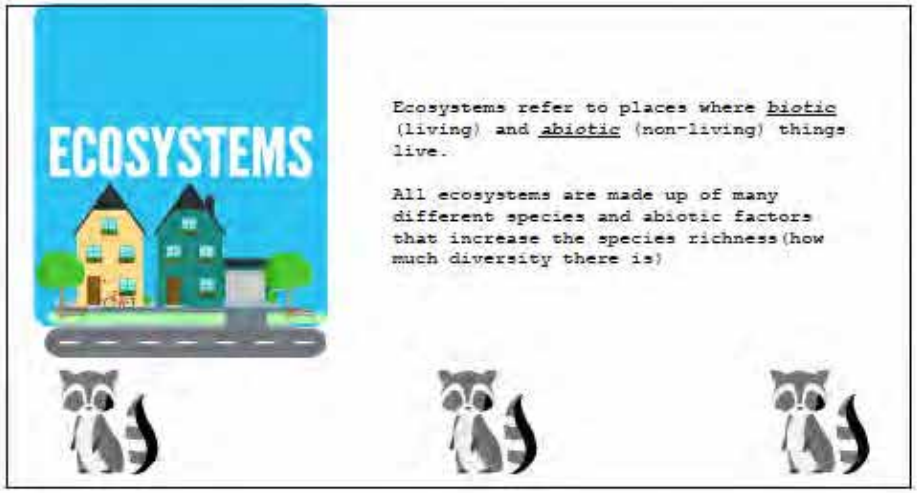
SPECIES

Species is very similar to families because all share a common ancestor. The common ancestor can then reproduce outside of its group which creates variation (differences) among the same species.

FOR EXAMPLE : The wolf is the shared ancestor of dogs but reproducing outside of the species ,creates breeds (groups)

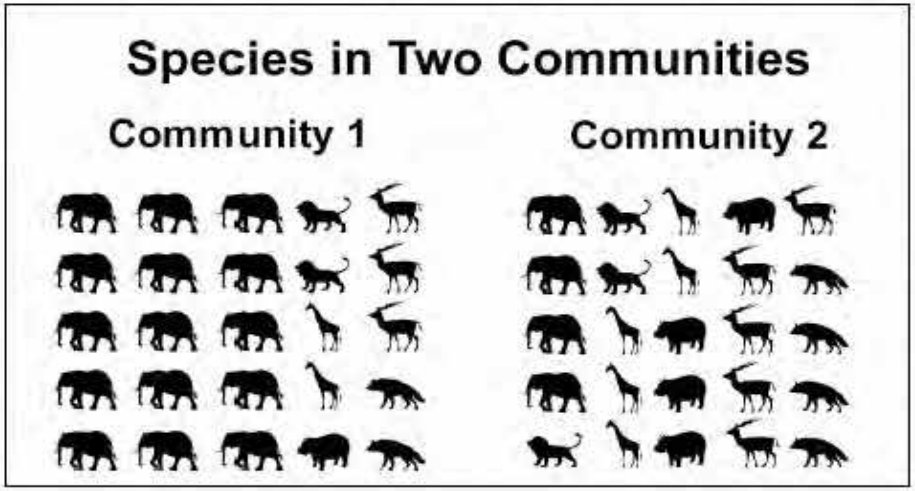
Presentation Slides 5 to 8

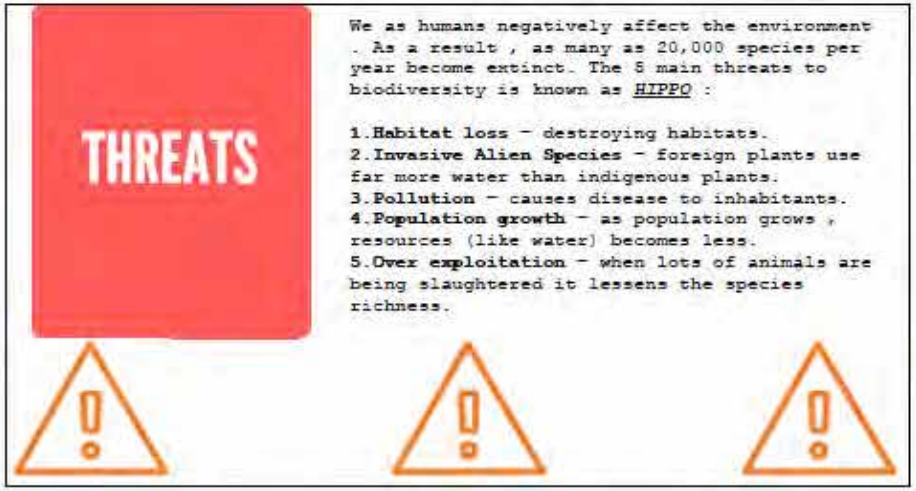




Ecosystems refer to places where biotic (living) and abiotic (non-living) things live.

All ecosystems are made up of many different species and abiotic factors that increase the species richness(how much diversity there is)





We as humans negatively affect the environment . As a result , as many as 20,000 species per year become extinct. The 5 main threats to biodiversity is known as HIPPO :

1. **Habitat loss** – destroying habitats.
2. **Invasive Alien Species** – foreign plants use far more water than indigenous plants.
3. **Pollution** – causes disease to inhabitants.
4. **Population growth** – as population grows , resources (like water) becomes less.
5. **Over exploitation** – when lots of animals are being slaughtered it lessens the species richness.

Presentation slide 9



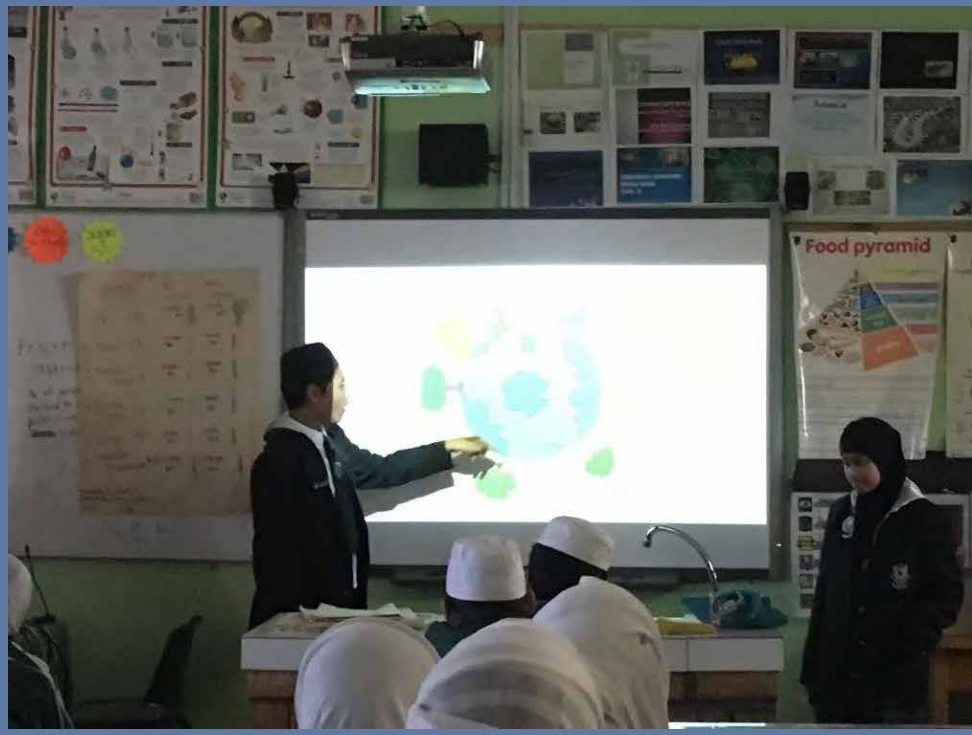

Food pyramid
EARTH AND BEYOND




CA

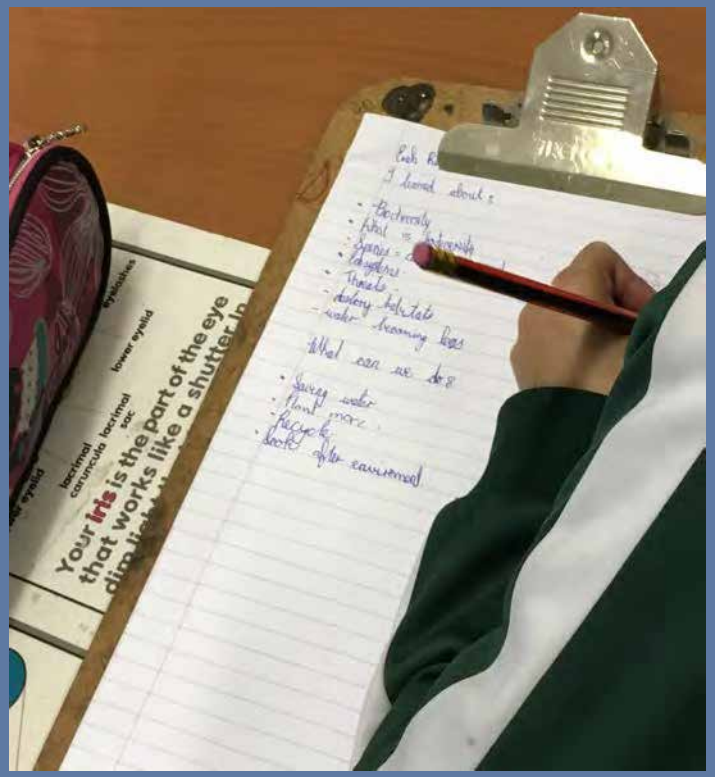

The Nose
Vertical Section of the Nose,

THE GRADE 5S WERE A VERY ATTENTIVE CROWD




ECOSYSTEMS


food pyramid



ODIVERSITY

MEANS , TO HOW WE AS HUMANS

DESTROY THE ENVIRONMENT.



At school I proposed that we start a herb garden. As school has closed this week , the herb garden will start with the new term. In the meantime students have come forward to volunteer.



THAAFIR MUSTAPHA



Google how to start a herb garden





02 STUDENTS WILL WATER AND NUTURE THE GARDEN AS A PROJECT.

04 USE THE FUNDS FROM THE PRODUCE TO SUSTAIN THE GARDEN .

HARVEST AND SELL THE HERBS.

LEADERSHIP ACTIONS

THAAFIR MUSTAPHA

NTO PACKAGING FOR DISTRIBUTION.









MMONLY USED IN THE COMMUNITY , AND WILL SELL QUICKLY

THANK YOU !

SPECIAL THANKS TO THE TWO OCEANS AQUARIUM AND ITS STAFF FOR GRANTING ME THE OPPORTUNITY TO LEARN ON THIS COURSE.

Environmental Actions

By Taybah Williams

Action 1.1


Multiplication Tables

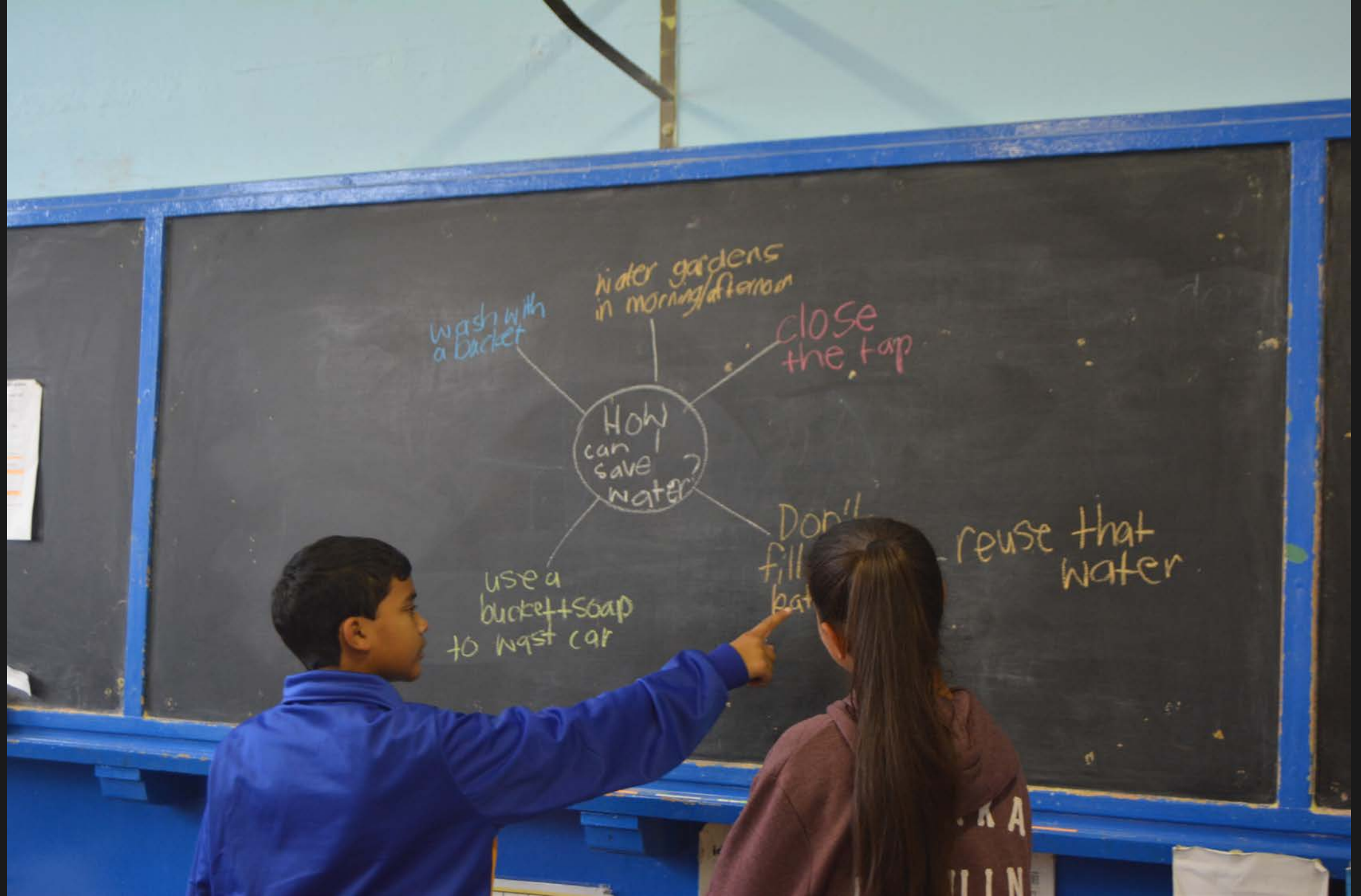





100l/day
How can I save water?
close the tap
Don't fill the bath
reuse that water
666 000 000
Kit Kat
Multiplication Tables



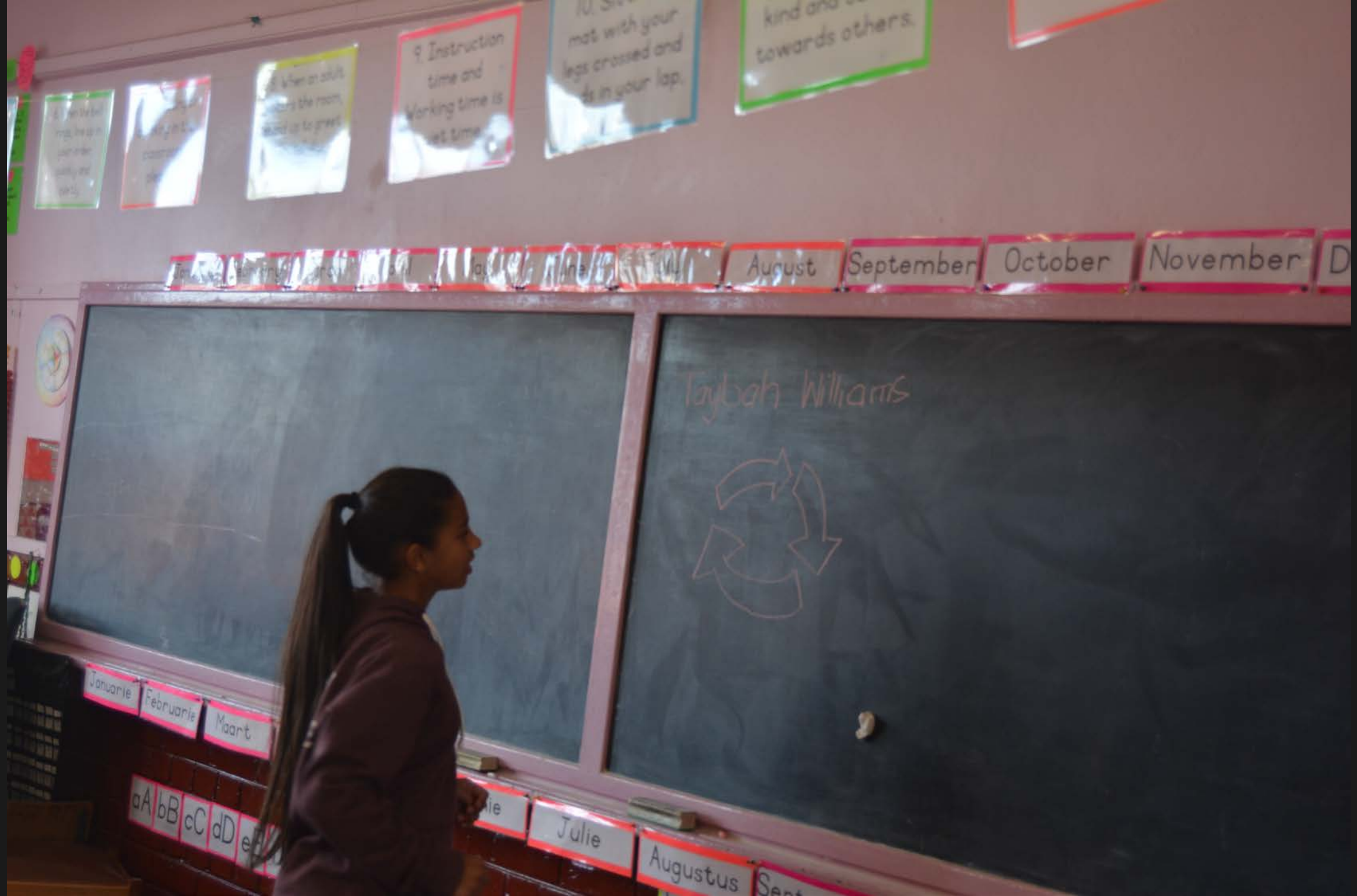

How can save water?
Don't fill the bath
reuse that water
close the tap
666 000 000


wash with a bucket
water gardens in morning/afternoon
close the tap
How can I save water?
use a bucket+soap to wash car
reuse that water


How can save water?
Wash with a bucket
Water gardens in morning/afternoon
close the tap
100l/day
666 000 000
266 400
Don't
reuse

Action 1.2




August
September
October
November
Taybah Williams
Januarie
Februarie
Maart
aA bB cC dD
Julie
Augustus


UNDERWATER WONDERS



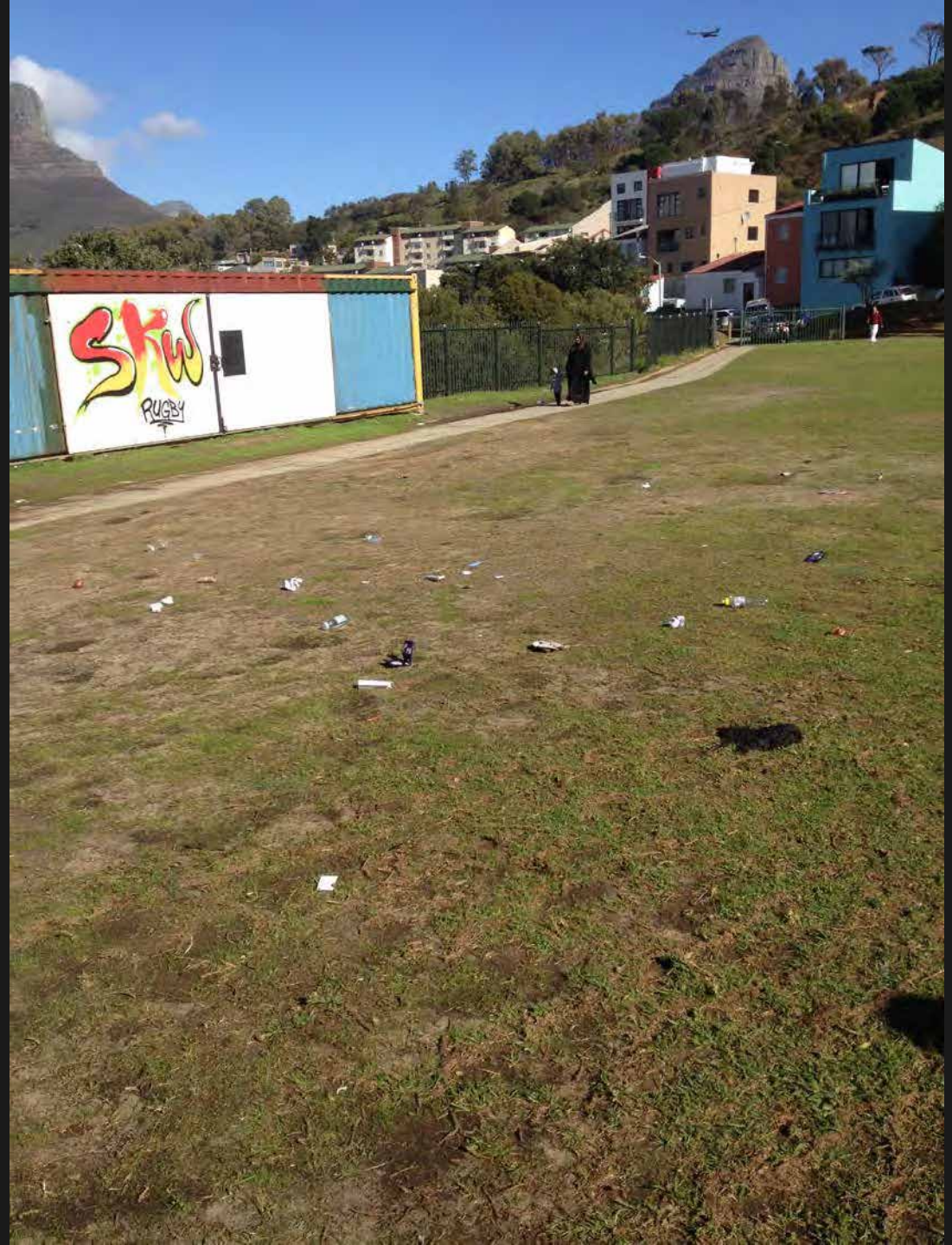





Taybah Williams
January February March April May June July August September October November December
Januarie Februarie Maart April Mei Junie Augustus September Oktober November Desember
aA bB cC dD eE fF gG hH iI jJ kK lL mM rR sS tT uU vV wW xX yY zZ


August
September
October
November
Taybah Williams
November
wW
xX
yY

Action Two


SKW
RUGBY











And then we were done…

My Presentation:

Over the past few weeks, I have worked on two actions that had to be done before the first of July.

I chose to do a beach clean up and a talk to my peers at my school about the smart living course and everything that we learnt in that.

A Talk With My Peers:

(my 1st action)

On Monday 19th I handed out my posters about the beach clean up and had a talk with the prefects of my school about what I have done at the aquarium.

Sadly I have no photos as it was during school.

Advertising for the Beach Clean up:



PICK N PAY NOTICE BOARD

Before my beach clean up I made posters about my action.

Here are some places where I put up my posters.



TABLE VIEW LIBRARY NOTICE BOARD

I also used Social Media to raise peoples awareness about the beach clean up and what pollution can do to the environment.

I used Facebook, Instagram and Snapchat.



KWIKSPAR BOARD


PLEASE WILL
YOU
HELP KEEP
OUR ENVIRONMENT
CLEAN

As part of the Two Oceans Aquarium Smart Living Course, I have been learning about the 4 pillars of sustainability: Biodiversity, Waste, Energy and Water.

I want to increase awareness of what positive actions can be made to protect our environment. Please will YOU help me raise awareness by joining me in a **BEACH CLEAN UP on Sunday, 25 June 2017 at 10am at Dolphin Beach, Table View (in the car park behind the hotel).**

You will need: A black bag, Gloves (or grocery packets to put over your hands); A raincoat (if necessary); An enthusiastic attitude and an hour of your time.

THANK YOU! Please spread the word and help keep our beaches clean.

From Summer Chaplin
Grade 7E2, Table View Primary School


Please will YOU help me raise awareness of protecting our environment by joining me in a **BEACH CLEAN UP**

on Sunday, 25 June 2017 at 10am at Dolphin Beach (car park behind the Hotel)
You will need: A black bag, Gloves; A raincoat (if necessary); An enthusiastic attitude.

THANK YOU! Please spread the word and help keep our beaches clean.

From Summer Chaplin
Grade 7E2, Table View Primary School


By working together
we can raise awareness of the importance of a clean environment – not just on our beaches, but everywhere!
Thank you everyone!
From Summer Chaplin
Grade 7E2, Table View Primary School



The Beach Clean Up:

(my 2nd action)

On The 25th Of June, family members and friends of mine did a beach clean up on Dolphin Beach from 10am-11am.

We filled up 7 bin bags of rubbish.









Some photos from the beach clean up











It was a very successful beach clean up and I have had a lot of positive feedback on It.



Thank You For Listening

-Summer





TWO OCEANS AQUARIUM

SMART LIVING

THE PARK CLEAN-UP

RAMOLA AVENUE











THE CLASS PRESENTATION

AT ISLAMIA BOYS COLLEGE


Marking Codes
Sp → Spelling
WC → Word choice
SS → Sentence Structure
G → Grammar
T → Tense
MW → Missing word
Sy → Use a synonym
PS → Paragraph Structure
// → Begin a new paragraph
Sl → Slang
P → Punctuation
^ → Missing something


Reduce
Reuse
Recycle







WHAT I HAVE LEARNT

DURING MY TIME IN THE SMART LIVING COURSE


EyeDwartha
EyeNkanga
EyaMnga




Recycle
REPAIR
REUSE
REFUSE!!
REDUCE
Rethink?










REUSE


ART

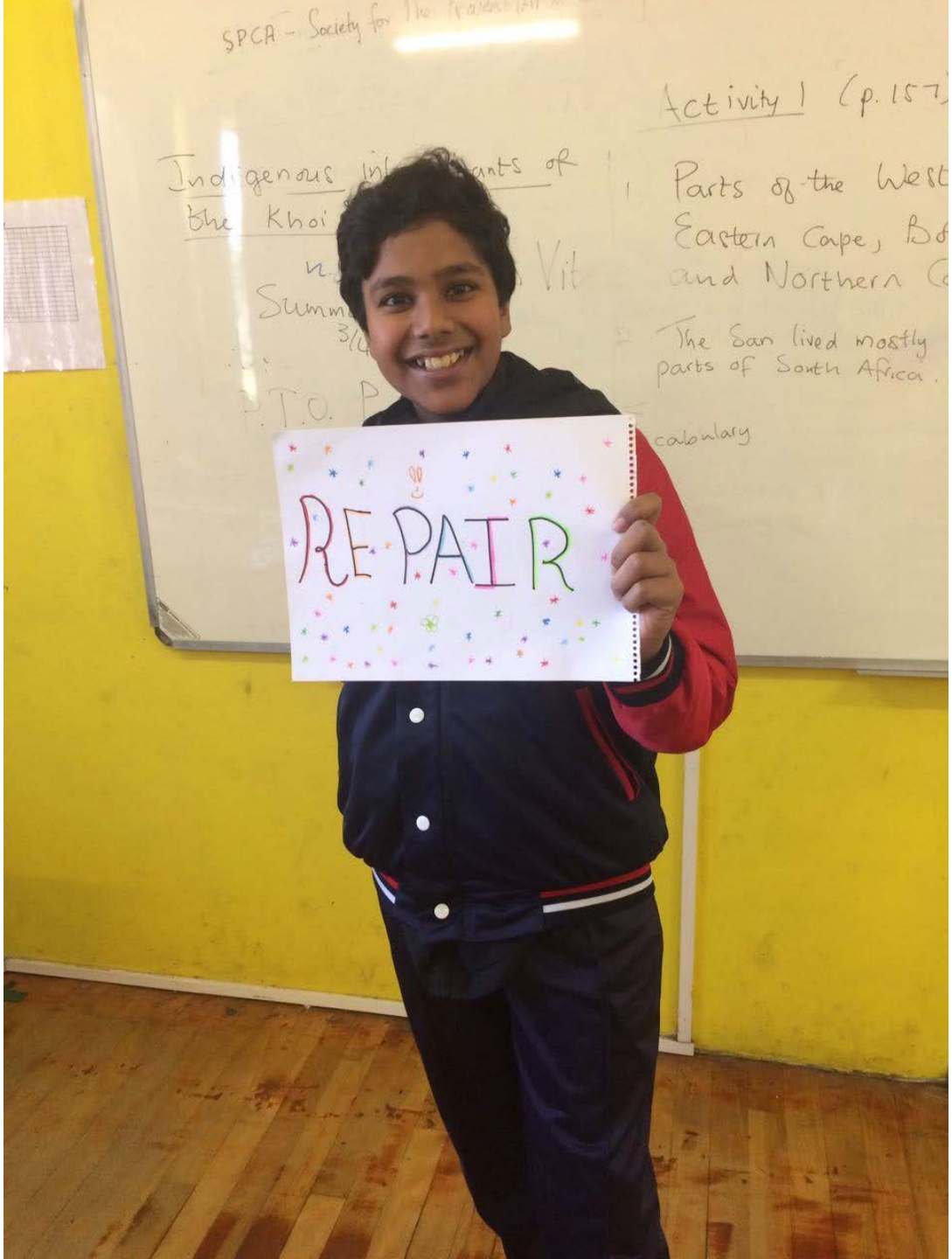


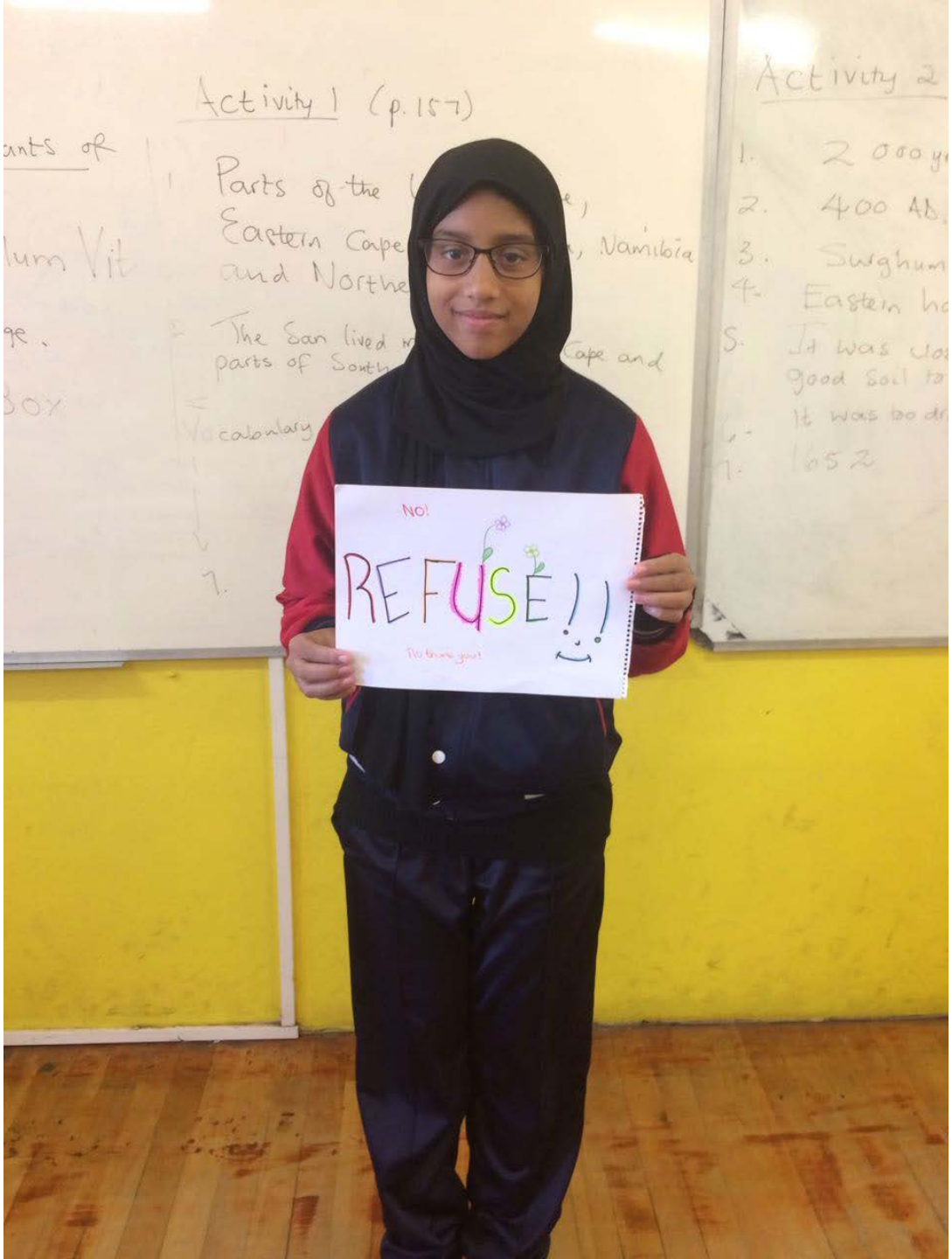




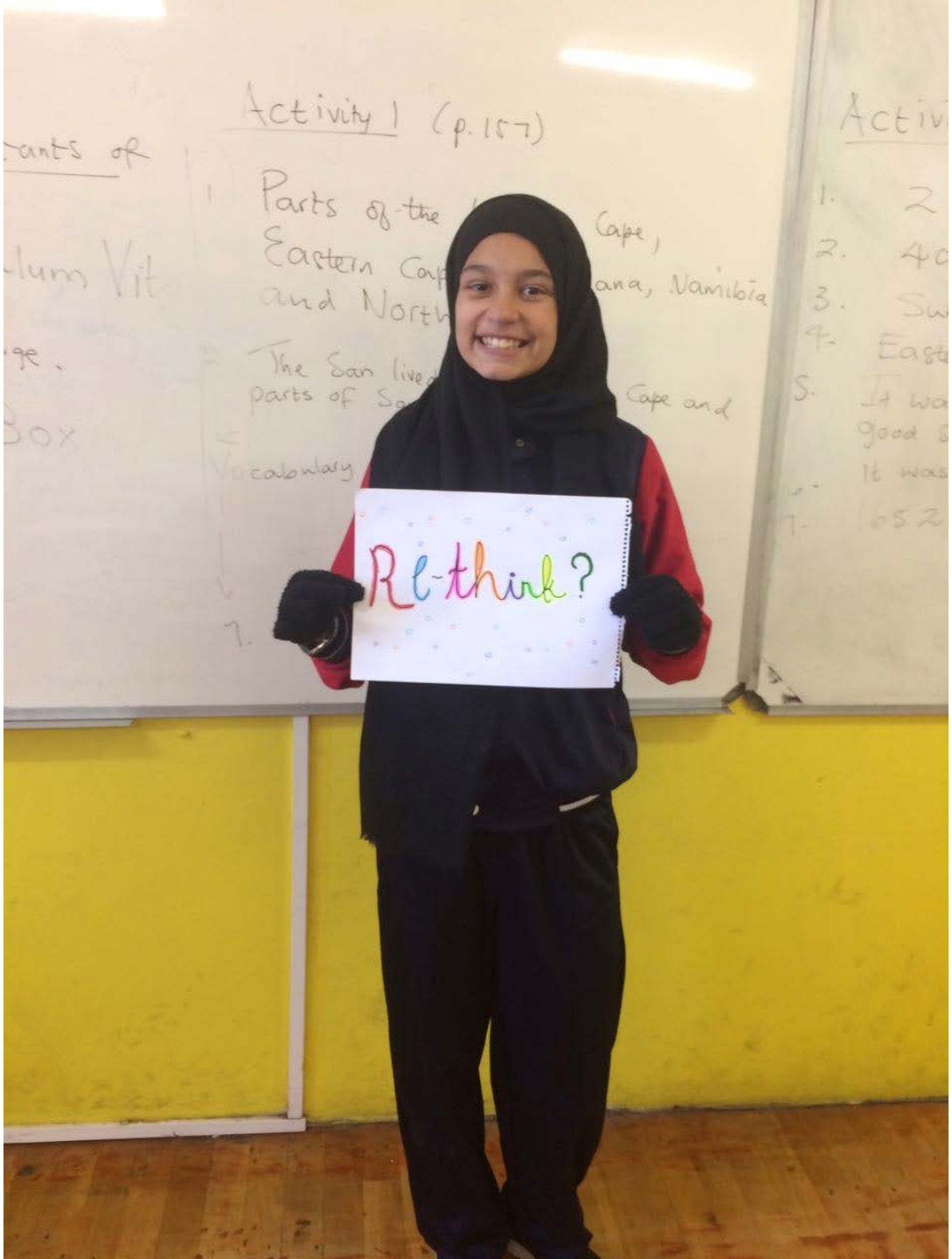

Recycle
REPAIR
REFUSE!!
Rethink?
RE-USE


Recycle
REFUSE!!
REDUCE
Re-think?
RE-USE

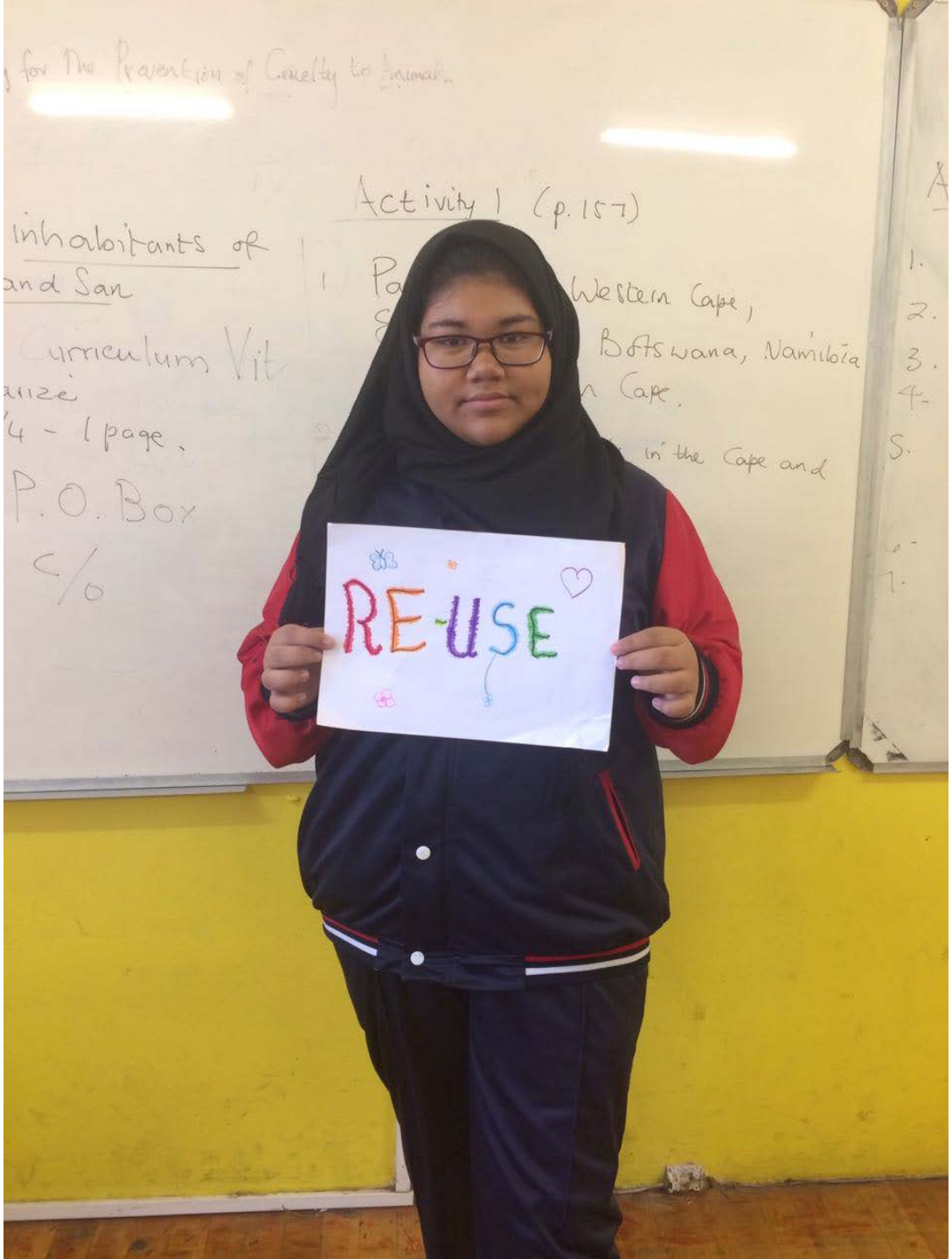

SPCA - Society for
Activity 1 (p. 157
Indigenous
The Khoi
Parts of the West
Eastern Cape, Bo
and Northern
The San lived mostly
parts of South Africa.
REPAIR


NO!
REFUSE!!


RECycle


Activity 1 (p. 157)
Re-think?


REDUCE


RE-USE


REDUCE
REFUSE!!
Re-think?
RECycle
RE-USE
RE-PAIR



Let's Clean-up
PlasticsSA


CHEROKEE


CHEROKEE




tuffy
REFUSE BAGS
Let's Clean-up & Recycle!
20 years
tuffy
REFUSE BAGS
Let's Clean-up & Recycle!
20 years






ruffy
CHEROKEE


TWIST


Glenfiddich
CHEROKEE
Los Angeles


CHEROKEE
Los Angeles

DO NOT
LITTER


CHEROKEE
Los Angeles


DO NOT
LITTER


















7
tuffy
Let's Clean-up & Recycle!
CHEROKEE


Let's Clean-up & Recycle!
tuffy
REFUSE BAGS
THE PLASTIC USED TO MAKE THIS REFUSE BAG IS 100% RECYCLED AND IS SUITABLE TO DISPOSE OF YOUR HOME RECYCLABLES IN
WWW.TUFFY.CO.ZA
Plastics|SA
Pick n Pay
Coastal Cleanup


& Recycle!
DEDICATED TO NELSON MANDELA
















Spar-
Pine Nut
Glenfiddich

Two Oceans Aquarium Smart Living Course
Leadership Action

SAALIHA ZEMANAY
JOHN GRAHAM PRIMARY



I have done three environmental actions :

- Lead a public clean up at Princess Vlei
- Planted indigenous plants at Princess Vlei
- Gave a talk to science club members at Princess Vlei







The planting :











The John Graham Primary Enviro-Science Leadership Club planted indigenous plants

This event took place a Princess Vlei on Thursday the 13 June. The different types and sizes of plants that were planted will help attract birds and insects to Princess Vlei .We also wrote our names on a stick and put it next to the plants that we planted















The cleaning :





The cleaning :

The science club also cleaned Princess Vlei. We collected all different types of waste into black bags.





I also got to meet Mr Southgate who is the Ward Councilor





The lecture :



The lecture :

Kent and I gave a talk to the science club about waste. We talked to them about the different types of waste and where all our waste goes. We then taught them about how to decrease the amount of waste we produce everyday by reusing , reducing and recycling .







The End !

Thank you for watching !




KEEP OUR BEACHES CLEAN

Sea Point Beach clean up

Venue: Sea Point Beach

Date: Saturday, 24th June

Time: 3:00pm



Our Mission

Our mission is to educate and inspire around environmental cleanliness and health. We strive to **set an example** by bring community members together to work toward a common goal. **by** keeping our valuable environment "Green ,healthy and Clean".

There are many things that affect our planet. The good news is that everyone can help to reduce them and do their bit for the environment.





BE RESPONSIBLE!!



By keeping our environment clean, we preserve it for future generations



It gives us all we need:

- **Energy**
- **Natural resources**
- **Light**
- **Oxygen**
- **Water**

Without asking for anything in return, only to be kept clean.







WE NEED YOU!










ECO-
FRIENDLY


BE THE
CHANGE
YOU WANT TO SEE IN THIS
WORLD.
-MAHATMA GANDHI





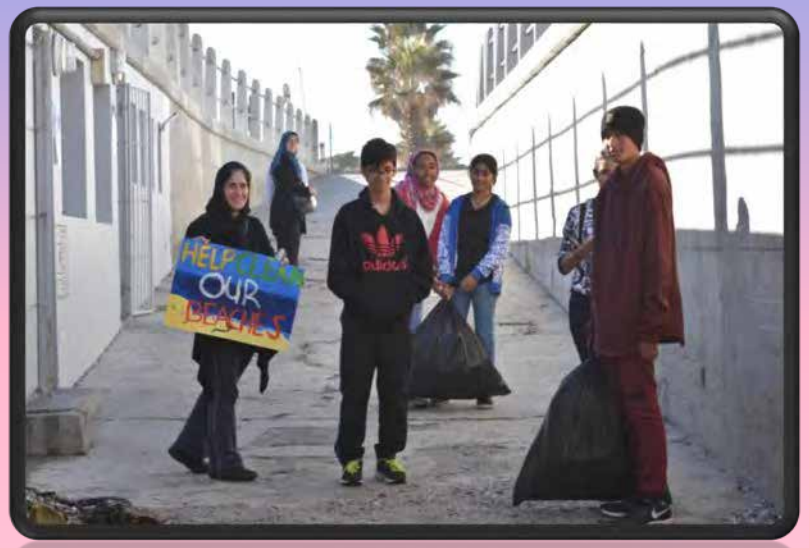






Our generation will start teaching one another on how to take better care of our environment and help spread awareness about cleaning up the environment.

We live in an inspiring country, with a rich mix of rural beauty and an intriguing history, a vibrant culture, passion and style. We have so much to be proud of.



Respect yourself.
Respect others.
Respect your environment.
Please put your litter in the bin!



THANK YOU TO:

Organizer: Raaziyah Barden

Photographers: Basheerah Omer &
Zaid Omer

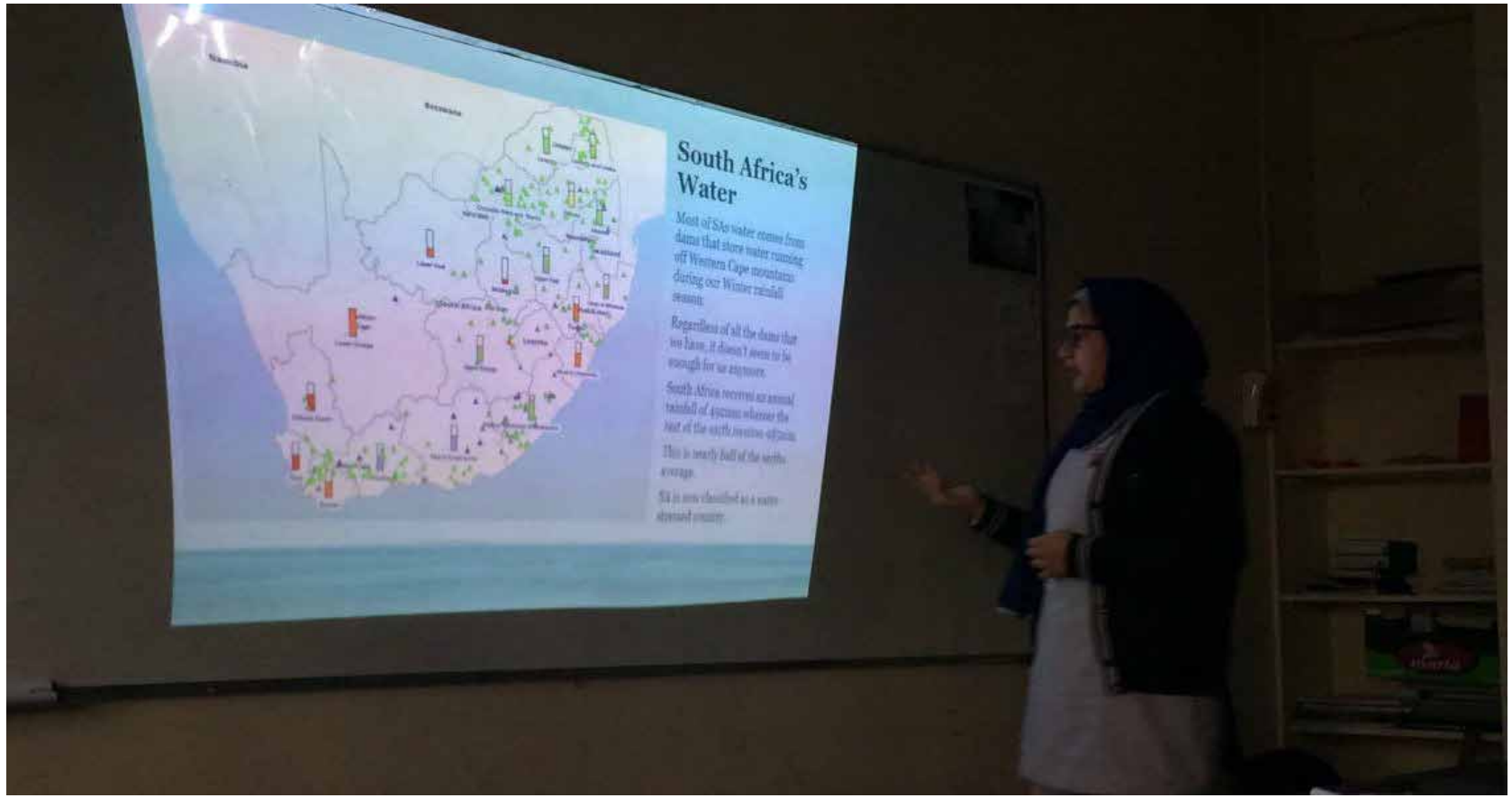
Clean up team: Raaziyah Barden
Tauhir Barden
Gouwa Barden
Ilhaam Omer
Tauriq Omer
Gadija Omer
Aamirah Botha

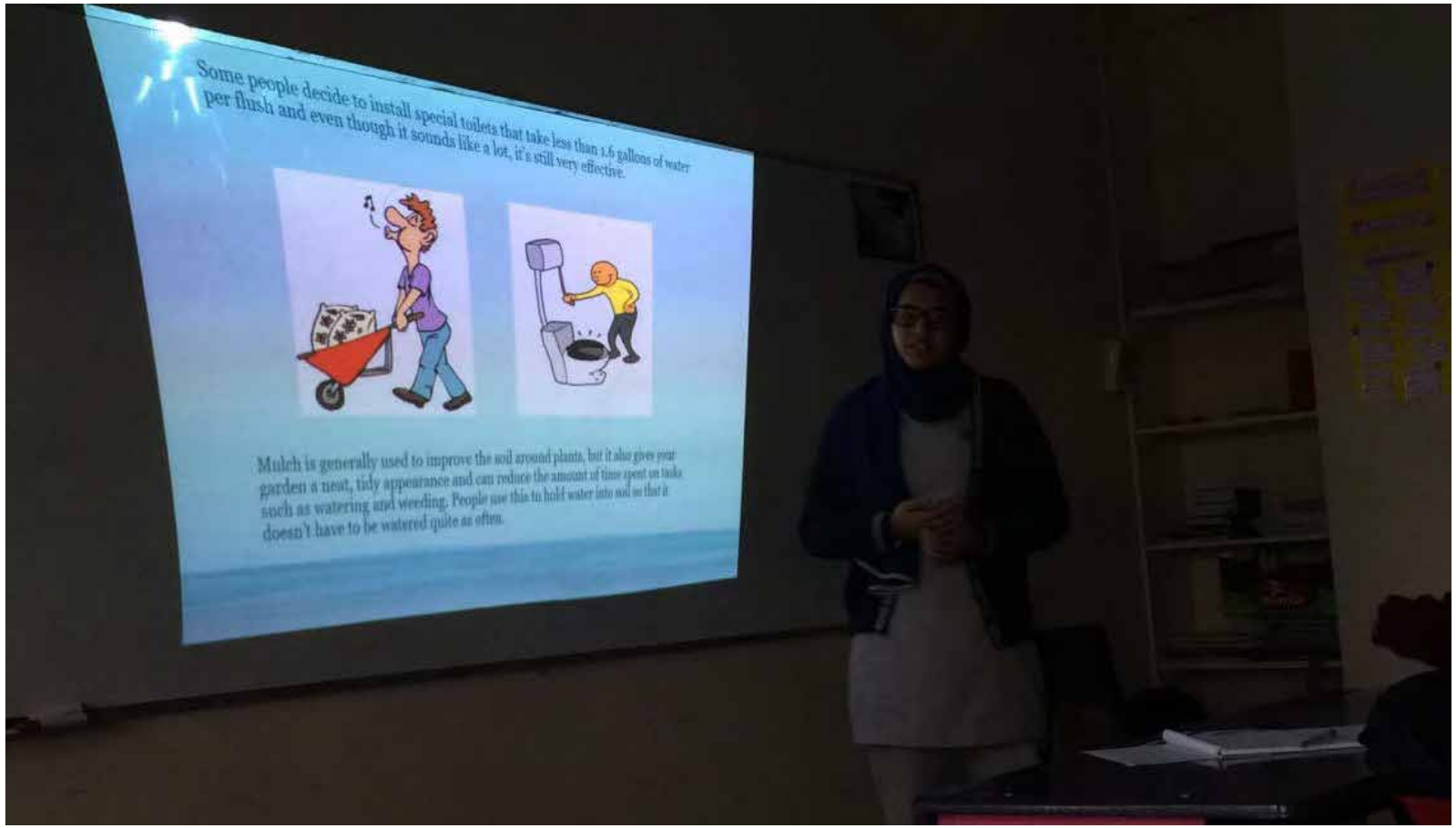




Naadhirah Parker 2017 Smart Living Course Two Oceans Aquarium Islamia Collage

Presentation On Saving Water In front Of Class




Some people decide to install special toilets that take less than 1.6 gallons of water per flush and even though it sounds like a lot, it's still very effective.
Mulch is generally used to improve the soil around plants, but it also gives your garden a neat, tidy appearance and can reduce the amount of time spent on tasks such as watering and weeding. People use this to hold water into soil so that it doesn't have to be watered quite as often.


What uses the most water?
A) Agricultural Uses
B) Environmental Uses
C) Domestic Uses
D) Industrial Uses

Campaign flyers handed out to school



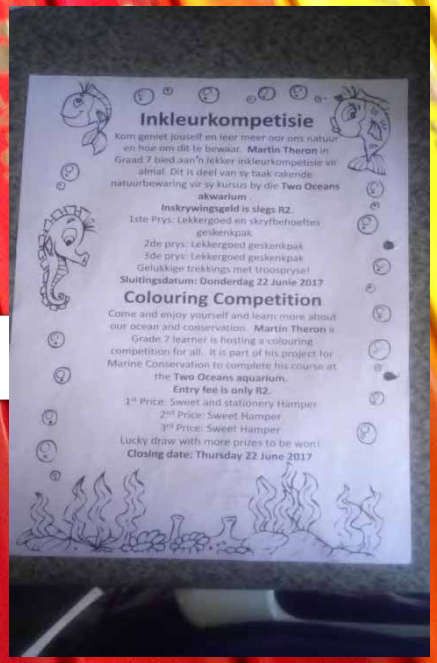

MARTIN THERON
COLOURING
COMPETITION



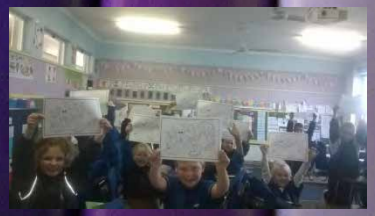




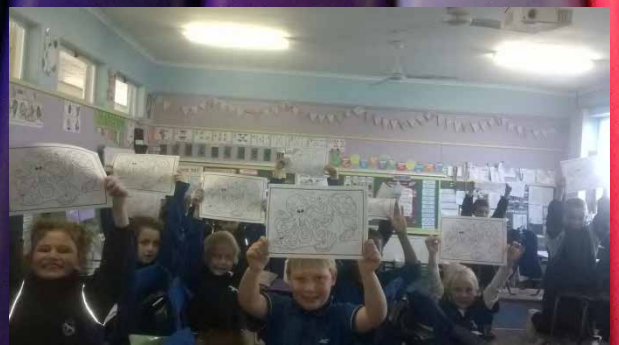



Inkleurkompetisie
Kom geniet jouself en leer meer oor ons natuur en hoe om dit te bewaar. Martin Theron in Graad 7 bied aan'n lekker inkleurkompetisie vir almal. Dit is deel van sy taak rakende natuurbewaring vir sy kursus by die Two Oceans akwarium.
Inskrywingsgeld is slegs R2.
1ste Prys: Lekkergoed en skryfbehoeftes geskenkpak
2de prys: Lekkergoed geskenkpak
3de prys: Lekkergoed geskenkpak
Gelukkige trekkings met troosprysie!
Sluitingsdatum: Donderdag 22 Junie 2017
Colouring Competition
Come and enjoy yourself and learn more about our ocean and conservation. Martin Theron a Grade 7 learner is hosting a colouring competition for all. It is part of his project for Marine Conservation to complete his course at the Two Oceans aquarium.
Entry fee is only R2.
1st Price: Sweet and stationery Hamper
2nd Price: Sweet Hamper
3rd Price: Sweet Hamper
Lucky draw with more prizes to be won!
Closing date: Thursday 22 June 2017













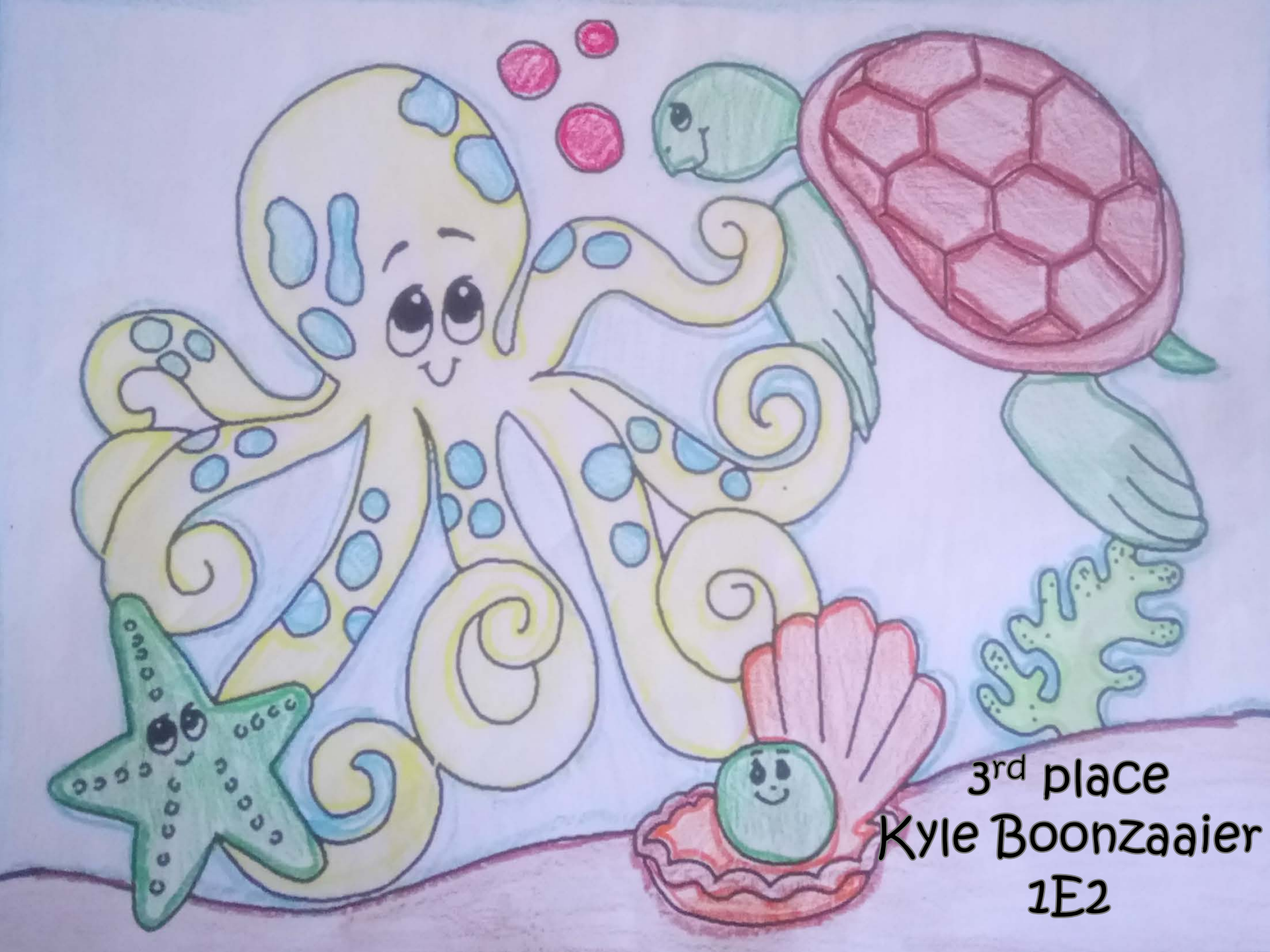


Top contestants

prizes






3rd place
Kyle Boonzaaier
1E2


2nd place
Stuart Zeeman
1A2


WINNER!
Kyle van Tongeren
1A2


Martin Theron
BEACH CLEANUP



Black bags in the sand



Family and Friends helping to pick up







© Alamy









EXTRA PHOTOS OF MY EXPERiENCE











SHARK THAT WE FOUND WRAPPED IN PLASTIC



THE END!!

TWO OCEANS AQUARIUM SMART LIVING COURSE CLEANING-UP GRANGER BAY

MAQBOOLAH MEYER

ROSEBANK JUNIOR SCHOOL

1 JULY 2017

OUTLINE

- INTRODUCTION
- OCEAN POLLUTION?
- CAUSES OF OCEAN POLLUTION
- FACTS
- EFFECT OF OCEAN POLLUTION
- GRANGER BAY CLEAN-UP
- CONCLUSION

INTRODUCTION

- Oceans and seas form an indispensable part of our existence
- Globally our oceans represent 99% of the living space on planet Earth
- Absorbs up to about 30% of carbon emissions
- Over the last few decades human activities have severely affected the marine life on the Earth's oceans through Ocean pollution/Marine pollution

WHAT IS OCEAN POLLUTION/ MARINE POLLUTION

- PLASTIC
- Spreading of harmful substances into the ocean such as:
- Oil
- Industrial and Agricultural Waste
- Chemical Particles



CAUSES OF OCEAN POLLUTION

- Littering -anything from natural things like dust and sand, to man-made objects such as debris and trash(Plastic)

- Globally and locally, plastic and synthetic materials are the most common types of marine litter and cause the most problems for marine animals and birds.

FACTS OF PLASTIC OCEAN POLLUTION

- Plastic is the most common element that is found in the ocean
- Estimates over 13,000 pieces of plastic litter floating on every square kilometre of ocean(2005)
- 8 million tons of plastic ends up in the oceans per year
- Over one million seabirds are killed by ocean pollution each year
- Three hundred thousand dolphins and porpoises die each year as a result of becoming entangled in discarded fishing nets.
- One hundred thousand sea mammals are killed in the ocean by pollution each year.





EFFECTS

- 267 different species suffered from entanglement or ingestion of marine debris including seabirds, turtles, seals, sea lions, whales and fish.
- The effect of coastal littering and dumping is compounded by vectors such as rivers and storm drains discharging litter from inland urban areas.
- Macro-plastics causes injury and death to marine animals and seabirds
- Toxic compounds in the water, which can be transferred to living organisms once ingested.
- Toxic substances deplete the oxygen available to mammals and other fishes causing them to die in their natural habitat.
- Animals can become snagged on the plastic or mistake it for food, slowly killing them over a long period of time.
- Animals from impacted food chain are then eaten by humans which affects their health as toxins from these contaminated animals gets deposited in the tissues of people and can lead to cancer, birth defects or long term health problems.
- People get contaminated easily by eating contaminated seafood that can cause serious health problems, from cancer to damage to immune system

THE PLASTIC VORTEX









The helpless animals like sea turtles believe that this plastic are jellyfish so they unknowingly eat the plastic and then they die a long painful death

PLASTIC OCEAN

192 COUNTRIES BORDERING THE ATLANTIC, PACIFIC, INDIAN OCEANS AND MEDITERRANEAN AND BLACK SEAS PRODUCED **2.5 BILLION METRIC TONS OF SOLID WASTE IN 2010.**
AN ESTIMATED **8 MILLION METRIC TONS** OF PLASTIC ENTERED THE OCEAN THAT SAME YEAR.

Ocean Conservancy

2 BILLION PEOPLE WITHIN
30 MILES OF THE COAST CREATE

2.5 BILLION
METRIC TONS OF SOLID WASTE IS PRODUCED ALL AROUND THE WORLD

100M
METRIC TONS OF COASTAL PLASTIC WASTE

AND WITHIN THAT
275M
METRIC TONS IS PLASTIC WASTE



AND **EVERY YEAR,**



8 MILLION
METRIC TONS OF PLASTIC GOES INTO THE OCEAN

WHAT WE CAN DO

REDUCE PLASTIC WASTEFULNESS

IMPROVE SOLID WASTE MANAGEMENT

INCREASE CAPTURE & REUSE

HEALTHY OCEANS





These animals died slowly and painfully



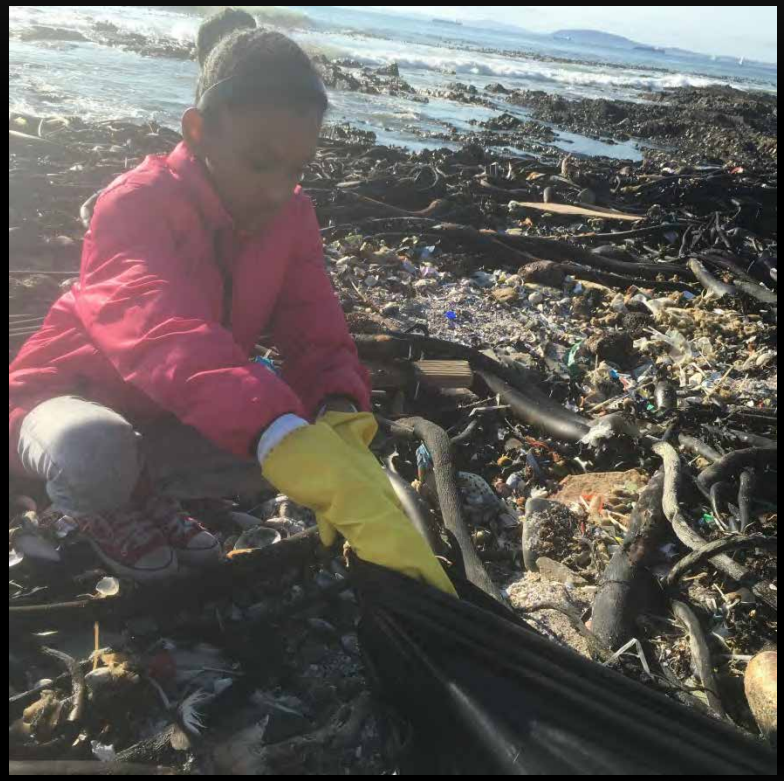




The devastating effect that plastic have on our oceans



GRANGER BAY CLEAN –UP













We would need a lot more help









Waste found in rock pools







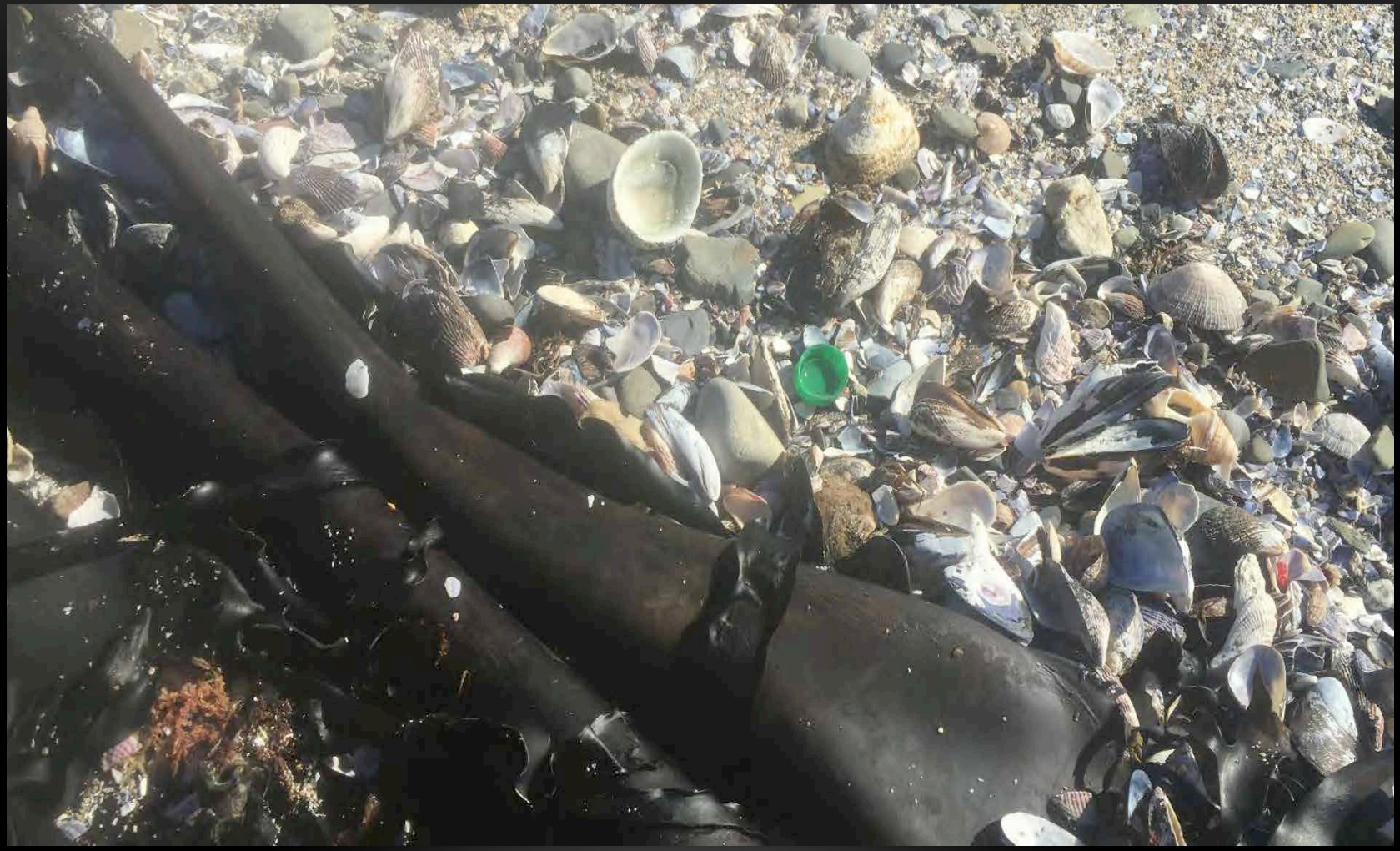
Glass that was left in the water too long that it started to lose its shape



Huge amount of Straws found on the beach


Lego
toys
Bottle
tops









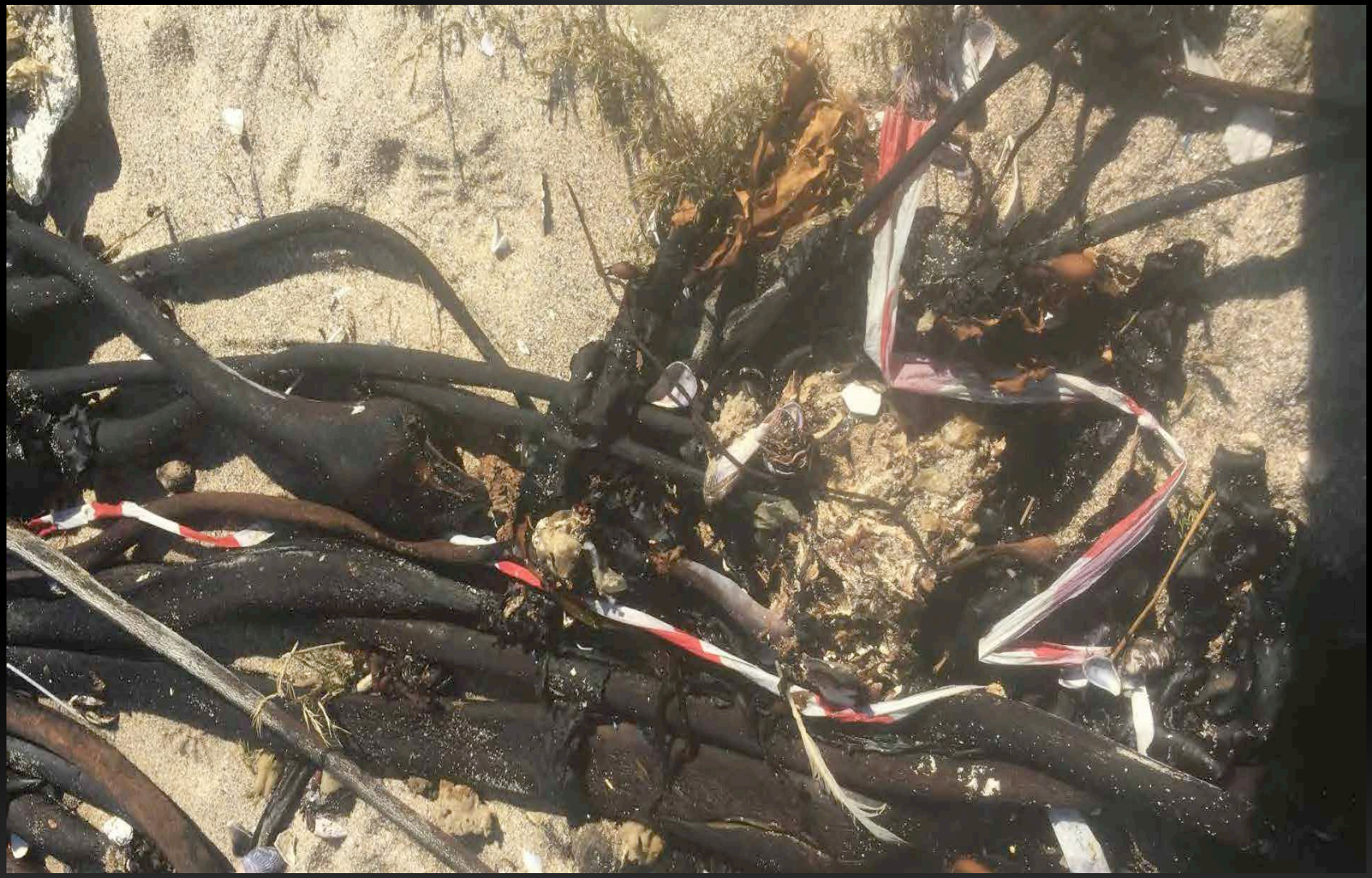












MOST OF THE LITTER FOUND ON SHORES





ANIMALS LIKE SEALS AND DOLPHINS GET ENTANGLED IN ROPE LIKE THIS ONE



SOME OF THE LITTER WE PICKED UP ON THE BEACH



BOTTLE TOPS , STRAWS , BOTTLES , ROPE , PLASTIC PACKAGING TAPE , ETC

DID YOU KNOW ?

- how long it takes items to degrade
- Plastic bag 12 years
- Plastic container 30 – 40 years
- Disposable nappy 500 years
- Plastic foam never breaks down

DID YOU KNOW ?

EXTINCTION IS FOREVER

DO YOUR BIT TO SAVE OUR OCEANS

DO NOT LITTER



CONCLUSION

- Oceans provide home to wide variety of marine animals and plants, it is responsibility of every citizen to play his or her part in making these oceans clean so that marine species can thrive for long period of time.
- Celebration of World Oceans Day (WOD).
- Our oceans represent a significant asset for current and future generations



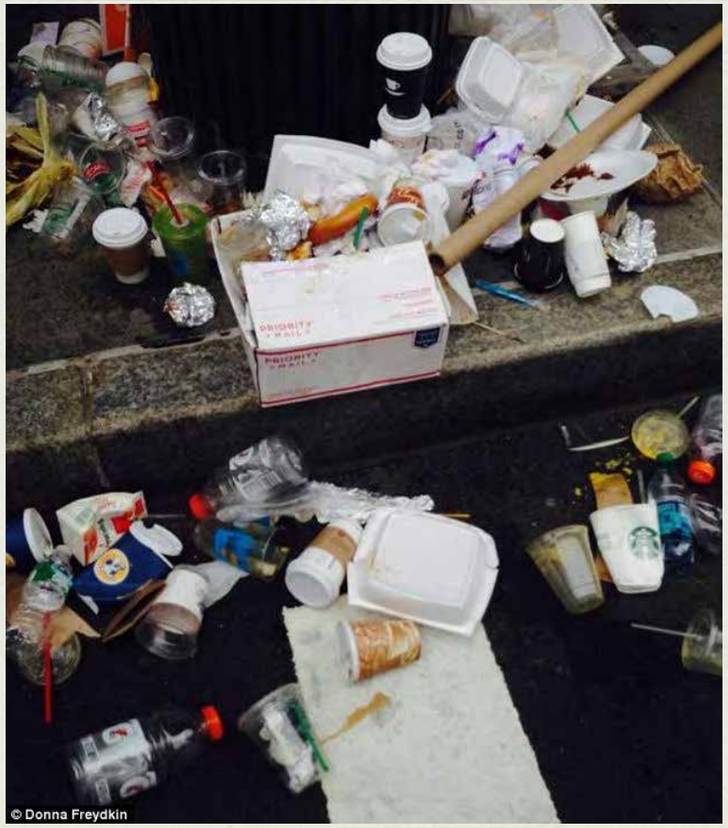
SMART LIVING

By: Leslie Stevens

STARTING RECYCLING IN MY COMMUNITY

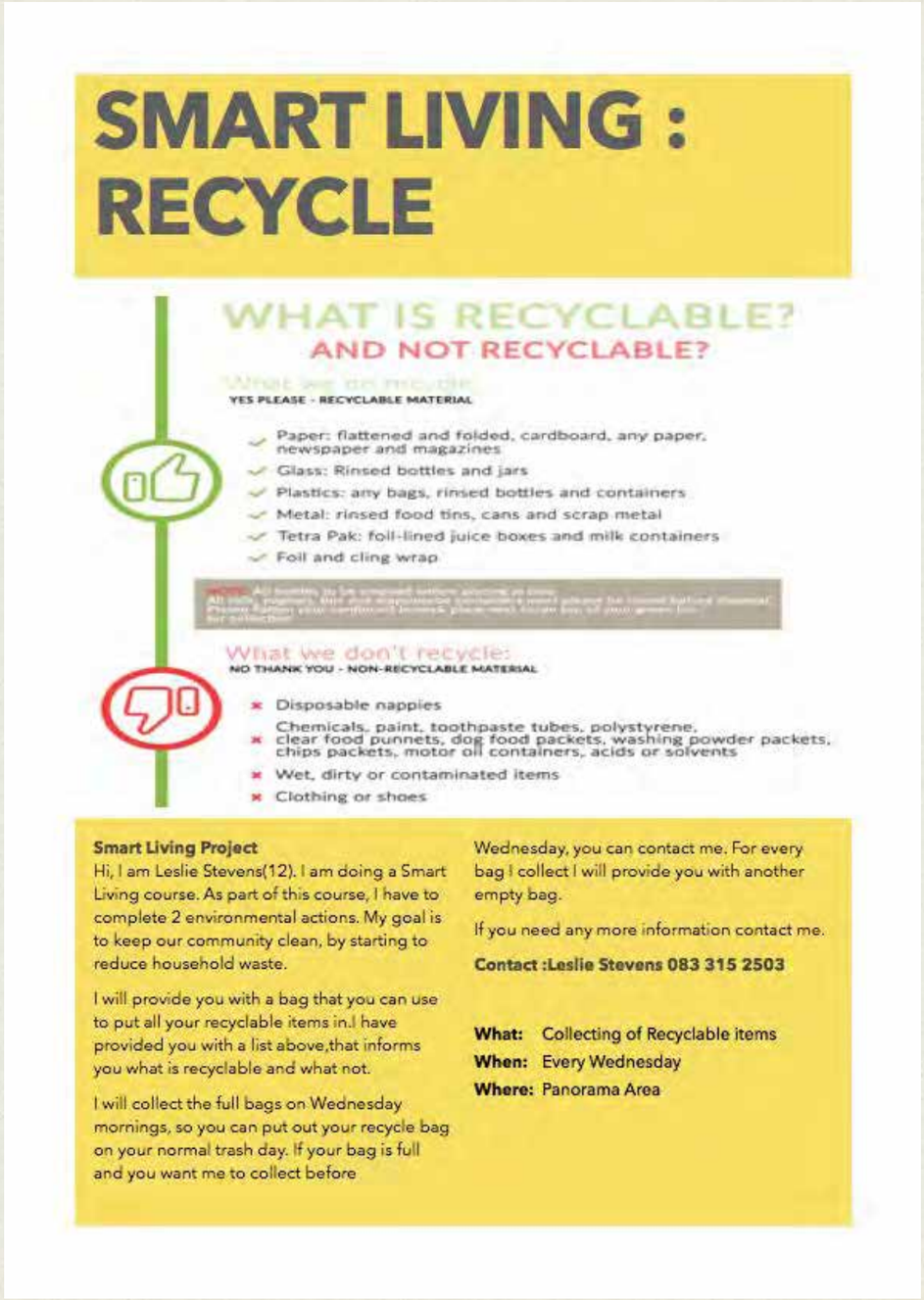
- Difficult to recycle
  - No understanding
  - Inconvenience
  - Money and Time
  - Space





STARTING RECYCLING IN MY COMMUNITY

- So what did I do?
  - Pamphlet
  - Bags
  - Collect
  - Recyclable collection point



SMART LIVING : RECYCLE

WHAT IS RECYCLABLE?
AND NOT RECYCLABLE?

What we do recycle:
YES PLEASE - RECYCLABLE MATERIAL

- Paper: flattened and folded, cardboard, any paper, newspaper and magazines
- Glass: Rinsed bottles and jars
- Plastics: any bags, rinsed bottles and containers
- Metal: rinsed food tins, cans and scrap metal
- Tetra Pak: foil-lined juice boxes and milk containers
- Foil and cling wrap

What we don't recycle:
NO THANK YOU - NON-RECYCLABLE MATERIAL

- Disposable nappies
- Chemicals, paint, toothpaste tubes, polystyrene, clear food punnets, dog food packets, washing powder packets, chips packets, motor oil containers, acids or solvents
- Wet, dirty or contaminated items
- Clothing or shoes

Smart Living Project
Hi, I am Leslie Stevens(12). I am doing a Smart Living course. As part of this course, I have to complete 2 environmental actions. My goal is to keep our community clean, by starting to reduce household waste.

I will provide you with a bag that you can use to put all your recyclable items in.I have provided you with a list above,that informs you what is recyclable and what not.

I will collect the full bags on Wednesday mornings, so you can put out your recycle bag on your normal trash day. If your bag is full and you want me to collect before Wednesday, you can contact me. For every bag I collect I will provide you with another empty bag.

If you need any more information contact me.

Contact :Leslie Stevens 083 315 2503

What: Collecting of Recyclable items
When: Every Wednesday
Where: Panorama Area

WELGELEGEN
SOLID WASTE DROP-OFF FACILITY
INDAWO YOKULAHLWA KWENKUNKUMA
VASTEAFVAL-AFLAAIFASILITEIT

CITY OF

THIS

Residential use only | Right of admission reserved | No unauthorised entry

Mayisetyenziswe njengendawo yokuhlala kuphela | Ilungelo lokungena lelabanini/ Akuvumelekanga ukungena ngaphandle kwesigunyaziso

Slegs vir residensiële gebruik | Reg van toegang voorbehou | Geen ongemagtigde toegang

OPERATING HOURS

SUMMER	WINTER	SATURDAYS AND PUBLIC HOLIDAYS
1 September - 30 April Mondays to Fridays: 08:00 - 18:00	1 May - 31 August Mondays to Fridays: 08:00 - 18:00	08:00 - 17:00 Sundays: 09:00 - 13:00 Except: Gordon's Bay, Killarney, Kommetjie, Mitchells Plain, Wynberg

Closed on: Good Friday, Christmas and New Year's Day

AMAXESHA OKUSEBENZA

EHLOTYENI	EBUSIKA	NGEMIGQIBELO NANGEEHOLIDE ZOLUNTU
1 Septemba - 30 Epreli NgeMivulo ukuya ngooLwezihlanu: 08:00 - 18:00	1 Meyi - 31 Agasti NgeMivulo ukuya ngooLwezihlanu: 08:00 - 18:00	08:00 - 17:00 NgeeCawa: 09:00 - 13:00 Ngaphandle: kwase-Gordon's Bay, e-Killarney, e-Kommetjie, e-Mitchells Plaine nase-Wynberg

Kuvaliwe: NgoLwesihlanu wePasika, ngeKrisimesi nangoSuku loNyaka oMtsha

BEDRYFSURE

SOMER	WINTER	SATERDAE EN OPENBARE VAKANSIEDAE
1 September - 30 April Maandag tot Vrydag: 08:00 - 18:00	1 Mei - 31 Augustus Maandag tot Vrydag: 08:00 - 18:00	08:00 - 17:00 Sondag: 09:00 - 13:00 Behalwe: Gordonsbaai, Killarney, Kommetjie, Mitchells Plain, Wynberg

Gesluit op: Goeie Vrydag, Kersfees en Nuwejaarsdag

LICENCE HOLDER / UMNINI WEPHEPHA-MVUME / LISENSIEHOUER
CITY OF CAPE TOWN, 19TH FLOOR, CIVIC CENTRE, 12 HERTZOG BOULEVARD, CAPE TOWN 8000. TEL: 0860 103 089

SITE OPERATIONS MANAGER
UMPHATHI KWISIZA SOMSEBENZI
TERREINBEDRYFSBESTUURDER

SIRAJ MOHAMMED: 079 504 0759

RECYCLABLE WASTE ACCEPTED / KWAMKELEKE INKUNKUMA ENOKURISAYIKLISHWA / HERWIN

021 442 8136
Wastewise.User@capetown.gov.za

EMERGENCY TEL
021 480 7700

CONTROLLED ACCESS

RIGHT OF ADMISSION RESERVED
USE AT YOUR OWN RISK

SEPARATED RECYCLABLE WASTE

MAXIMUM CARRYING CAPACITY 1,3 TONS

GARAGE WASTE 3 LOADS PER CUSTOMER PER DAY

RECYCLABLES UNLIMITED

BUILDERS' RUBBLE 3 LOADS PER CUSTOMER PER DAY

GARDEN WASTE 3 LOADS PER CUSTOMER PER DAY

MOTOR OIL

CANS & METAL

PLASTIC

E-WASTE

POLYSTYRENE

TETRAPAK

NO PETS

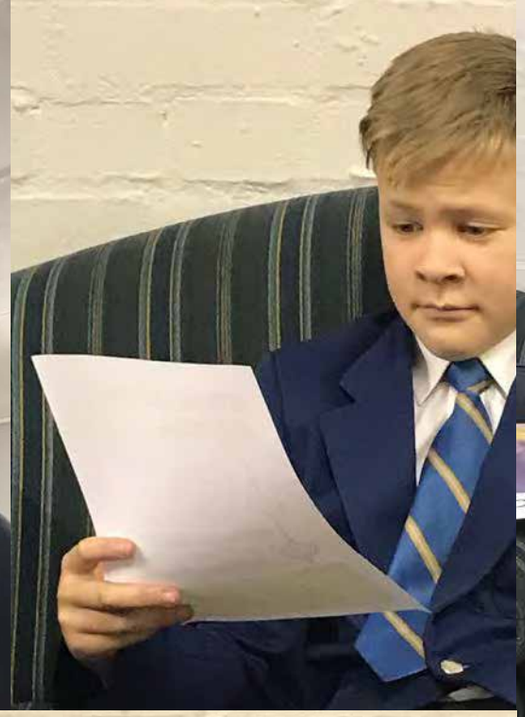

PAPER ONLY
mpact
recycling
021 931 5106
CCT SWM
CCT SWM


mpact
THIS VEHICLE IS UNDER SATELLITE SURVEILLANCE
FM16-270
FUSO
FIGHTER
FF86CW GP

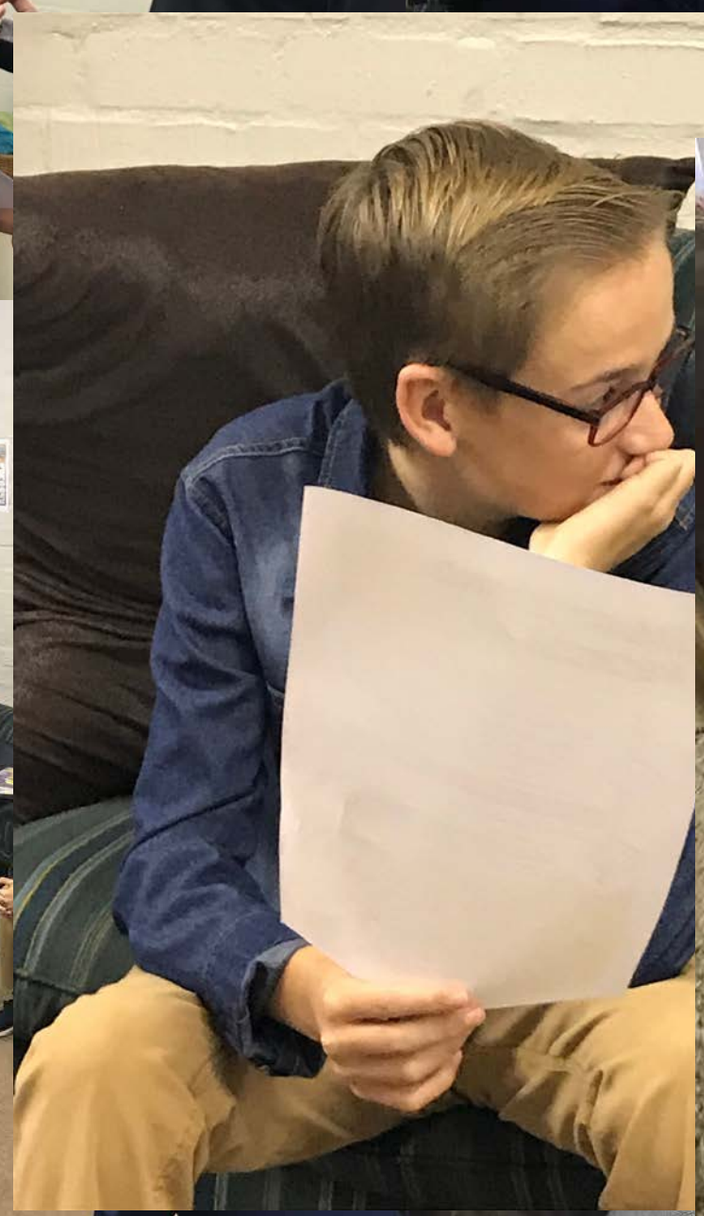
RAISE AWARENESS












SMART LIVING :
RECYCLE



THE CLEAN-UP














Charles Stassen Park
Erf no 2027
City Parks, Beaconvale Depot, Tel: 021 936 8788
CITY OF CAPE TOWN
ISIXEKO SASEKAPA
STAD KAAPSTAD
WARNING!
RIGHT OF ADMISSION RESERVED
REG VAN TOEGANG VOORBEHOU
NYFC
NEW YORK FKN CITY

SMART LIVING

- Appreciated program because ....


Any Questions?

Kyra van der Linde

Smart living projects

Dirty world

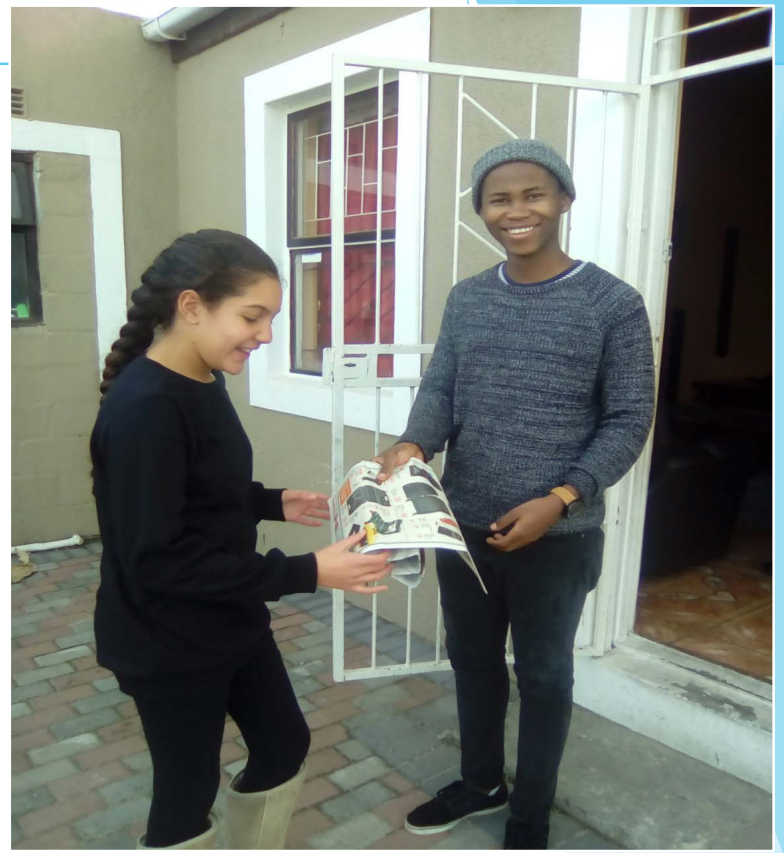
- After our visit to the landfill, I was worried about the evergrowing mound of dirt building in these
- This motivated me to try and address it and to see how I can help in reducing the mess.
- The two projects that I came up with is aimed at doing just that!



Project 1: Recycling

- Thursday is the day when we leave our dirt bins out for the refuse truck to collect our dirt.
- I noticed that many of my neighbours' bins were so full that they were overflowing.
- I asked some neighbours if they were recycling, as this would reduce the amount of dirt they had in their bins.
- Many of my neighbours said that they do not recycle.
- I then decided to ask them to keep their paper and glass aside and I would collect it to take to school to recycle.

- That’s how I started my neighbourhood recycling project.





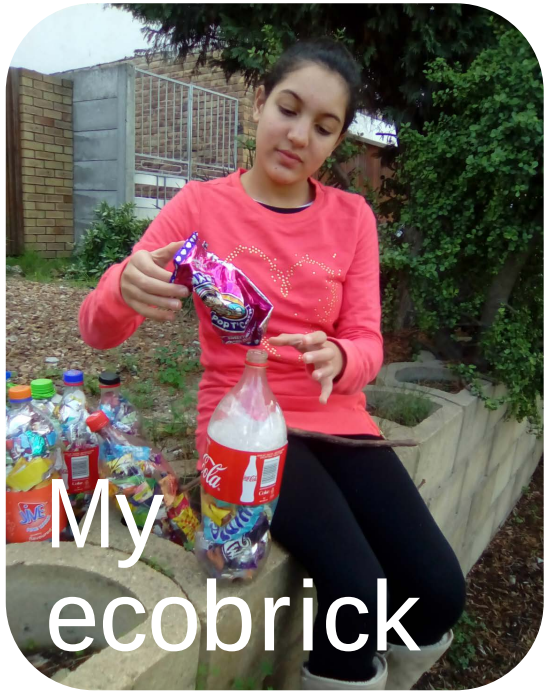
Recycling



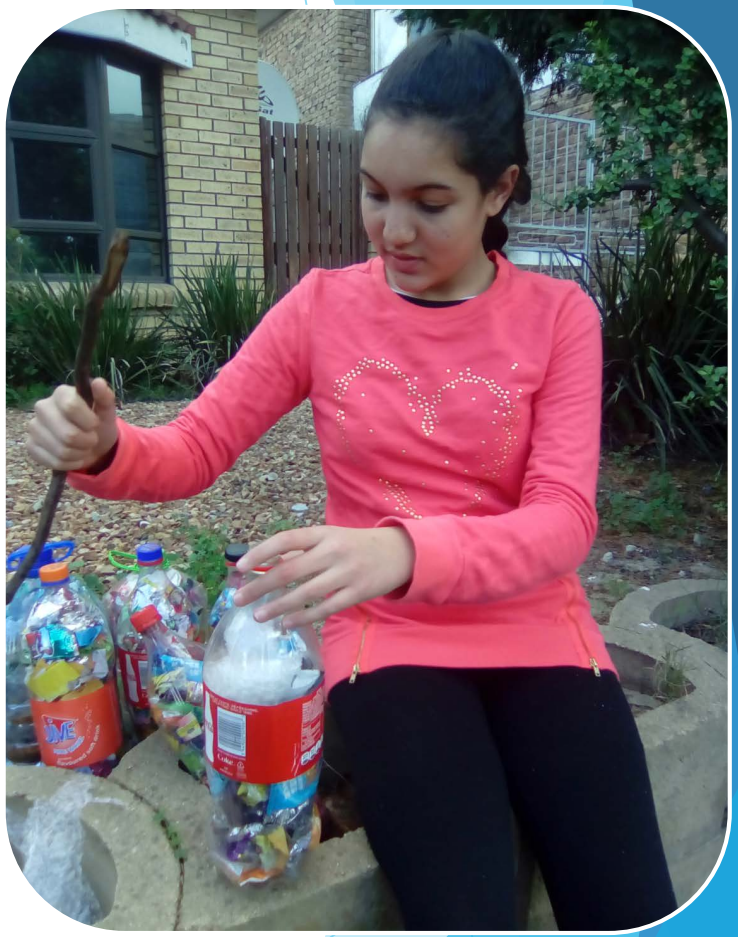
Project 2: Eco bricks

- My second project addressed the things that we could not recycle.
- That’s where I found out about the Eco brick.





What is an Ecobrick?



- An ecobrick is a 2L bottle, stuffed to the brim with cellophane, chip packets, sweet wrappers and everything that can't easily be recycled.
- The bottle is screwed closed and then used as a building brick.
- These ecobricks are collected and used to build a new facilities such as creches, classrooms or even a bench.
- It alleviates pressure from landfills
- Ecobricks also help to clean up the streets in townships and teach residents that the trash littering their streets does actually hold value.

How to make an Ecobrick.





1. Twist waste before inserting into bottle. This makes it a whole lot easier to get inside.
2. Slip your twisted waste into the bottle and compress with a stick.
3. Fill the bottle to the brim with compressed matter. It should weigh about 500g.
4. And there you have it, your completed ecobrick – but don't become too attached.
5. Drop it off at a local business partner and start a new one.
6. If there isn't anyone in your area yet – you could set this up at a school or even build an ecobench.

- I asked everyone I knew to make these ecobricks which I collect and keep in order to donate to an organization.




SMART
LIVING 2017
KERRYN JOHNSTON


1) BEACH CLEAN UP
2) FRIEND LEARNING CLASSROOM








How Long Does Litter Last?
Beverage Can
80-200 years
Foam Cup
50 years
Diaper
450 years
6-Pack Rings
400 years
Glass Bottle
1 Million years!
Plastic Bottle
450 years
Fishing Line
600 years
Plastic Bags
10-20 years
Cigarette Butt
1 - 50 years
*Pocket Guide
to Marine Debris 2004

















LETS SAVE OUR PLANET!!!


THANK
YOU!!!
MADE AND PRESENTED BY KERRYN JOHNSTON

Presentation: on the clean up of Princess Vlei

By: KENT FOLDING

JOHN GRAHAM PRIMARY SCHOOL

Aim

1. Cleaning up of Princess Vlei.
2. Replanting of plants.
3. Speech on the four different types of waste.

Scope

1. The plan for the day is to split the different schools into groups to clean different areas within the Princess Vlei grounds.
2. We are to clean out all dead plants and replaced them with young sapling and fyn bos.
3. I am to give a speech on waste to enlighten my fellow classmates on what I have learnt at the Two Oceans Aquarium.


KFC

Clean up !

1. People use the Princess Vlei for recreational and the braaing facilities.

2. Not enough refuge bins are made available for the disposal of their dirt

3. Our school as you can see on the clip brought more than three bags filled with rubbish such as KFC boxes and beer cans that people left at the Vlei.


SCIENCE CLUB
Kent

Planting of young sapling and fynbos

1. Each school were given a batch of plants, spades and rakes to clean out and plant in different areas of Princess Vlei.

2. We were allowed to remove the scientific name of the plant and replace it with our own name for future generation to visit.



Types of waste

In our communities we have four types of waste:

1. Municipal waste is generated in household Eg: paper, plastic
2. Industrial waste is generated in industries / factories Eg: paints, metals
3. Agricultural waste is generated on farmlands Eg: pesticides and crops.
4. Organic waste is generated anywhere Eg: food, lawn clippings and paper.



WARD COUNCILLOR

1. The ward councilor Mr. Southgate of the Southfield and surrounding areas visited the Princess Vlei and wished Saaliha and myself Kent good luck for the Two Oceans Aquarium Smart Living Course .

Thank you for your attention!!!

Two Oceans Aquarium

Explore-Experience-Engage













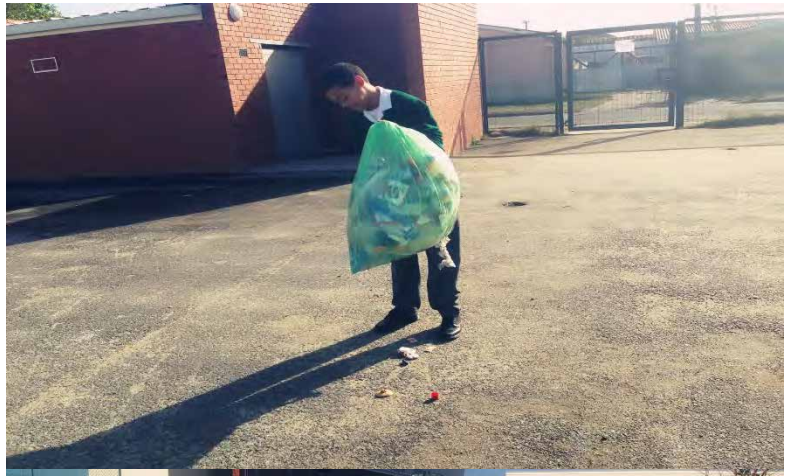
Done by Kealyn Morris

Plantation clean up club

We have recycling bins like one for cardboard ,paper and one for any other litter. When interval is done we would go around the school and pick up all the litter laying around. They will only send out approximately 30 children. The 30 children should then pick up all the litter.









Cleaning Up

What I and my friends did:





The End



SMART LIVING PRESENTATION: WASTE /RECYCLING

CREATED BY KAULTHAR ROMAN

START:

- Identified that our learners needed to be reminded of our existing Recycling project.

- My peer, Dalin, and I spoke and decided that we were going to work together in solving our issue. Each of us decided on working and educating a certain class.

- I took a grade 7 class and Dalin took a grade 5 class.

Meeting with grade 7:






K&C Waste


K&C Waste




Natural numbers
Numbers greater than or equal to 1: 1, 2, 3, etc


Similes
Personification

Clean up:

- After the meeting we decided on cleaning up the section of the school that was allocated to the grade 7 learners.

- My section is in the back part of our school so we started there.


Doritos
MAIZE
SNACK















Encouraged the learners in grade 3 to bring waste for earth worm farm:






THANK
YOU....

SMART LIVING LEADERSHIP ACTIONS

Josiah Abrahams

LEADERSHIP ACTIONS I CHOSE?

- ENVIROMENTAL TALK
- CLEANUP

#1. SCHOOL TALK - WASTE

- Gave a talk to Grade 1 class at a school in Bellville on WASTE
- Wanted to SHARE what I had learned on course
- Taught them about LANDFILLS – LITTERING - RECYCLING









#1. SCHOOL TALK - WASTE





#1. SCHOOL TALK - WASTE

- Kids were very inquisitive – asked LOADS of questions



WHERE WOULD YOU LIKE TO LIVE?



‘A’

‘B’



#2 . DRAIN CLEANOUT

- **Heard about blocked drain flooding road evrytime it rains heavily- suggested a cleanup**
- **Asked a few friends and family to help**





#2 . DRAIN CLEANOUT





#2 . DRAIN CLEANOUT







#2 . DRAIN CLEANOUT

- **HOOTS of appreciation**
- **Neighbourhood watch to encourage keeping streets clean**







THINGS I LEARNED?

- **Course is GREAT FUN**
- **Learned LOTS of things I could SHARE**
- **Important to COMMUNICATE**
- **PASS information ON – school asked for my presentation**
- **Be a ROLE MODEL**
- **Made me THINK about things I could do**

WHAT CAN I/YOU DO?









- THAN EMEMBER



Clean up



I would like to thank Mrs James for her support and the oppo rtunity to enter this course

Park and street clean up

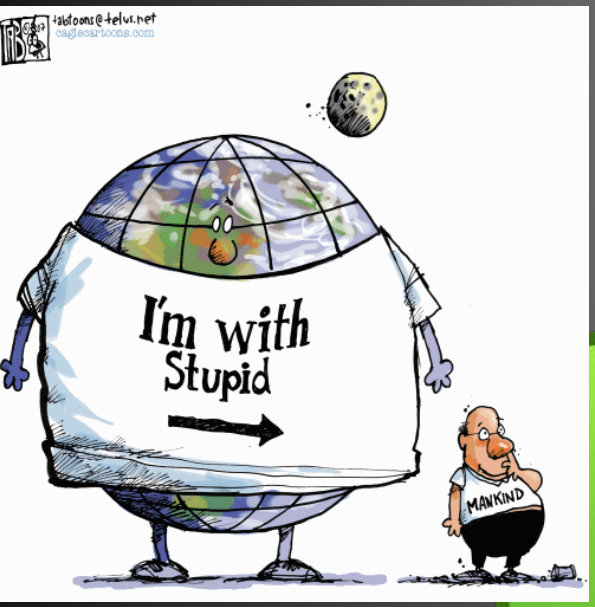
- Our park and streets are full of litter so I have started a clean up on every Friday / bin day



I have started a clean up every Friday where a few people will clean up parks and our streets



Recycle team







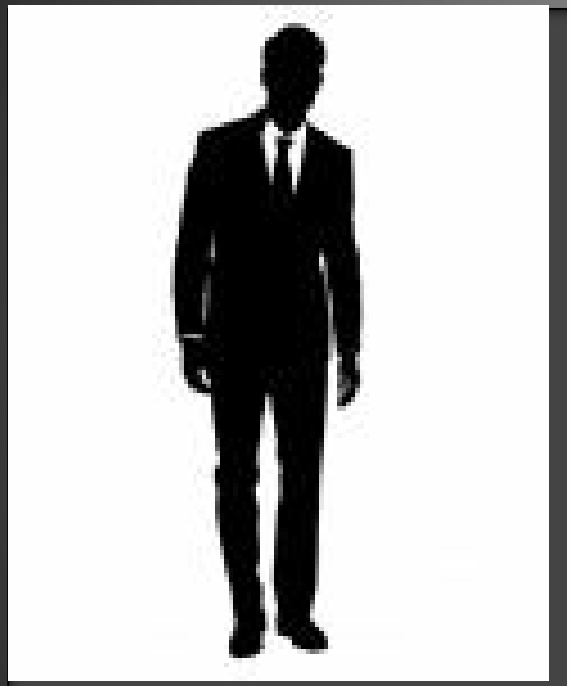


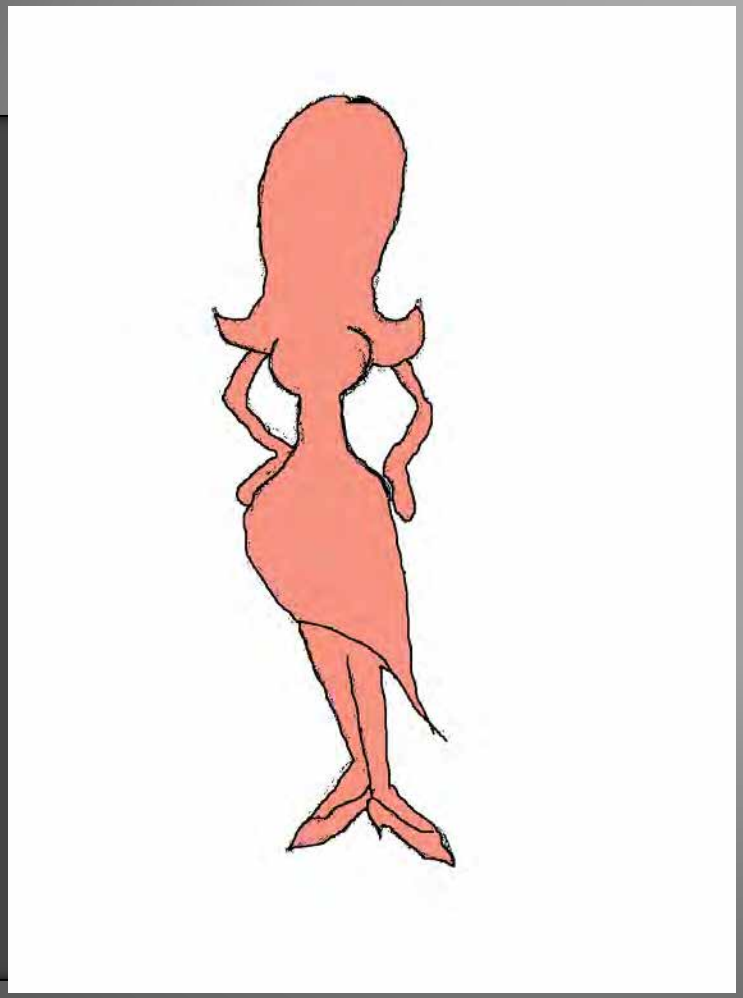
- I have phoned a company AND THEY WILL BE ABLE TO START THE END OF JULY





THE PLACE IS REYCLE 1ST





THANKS TO MRS JAMES / MR KELLERMAN



GABBY VOSLOO

Eco-bricks





What is an ec0-brick?

- An ecobrick is a 2L bottle, stuffed to the brim with cellophane, chip packets, sweet wrappers and everything that can't easily be recycled.
- The bottle is screwed closed and then used as a building brick.
- The eco-bricks are then used as building bricks to build houses, etc.
- My bricks will be used to build a home in Masiphumelele next term.



What can you put in an eco-brick?

- Laminated paper
- Photos and transparencies
- Polystyrene trays
- Plastic fruit punnets
- Silvery packets (from chips to chocolates)
- P.E.T. trays
- Wax paper
- Dogfood bags




ZERO SUGAR
LOW KILOJOULE SPARKLING LEMON
FLAVOURED DRINK
Sprite
zero

Western Leopard Toads

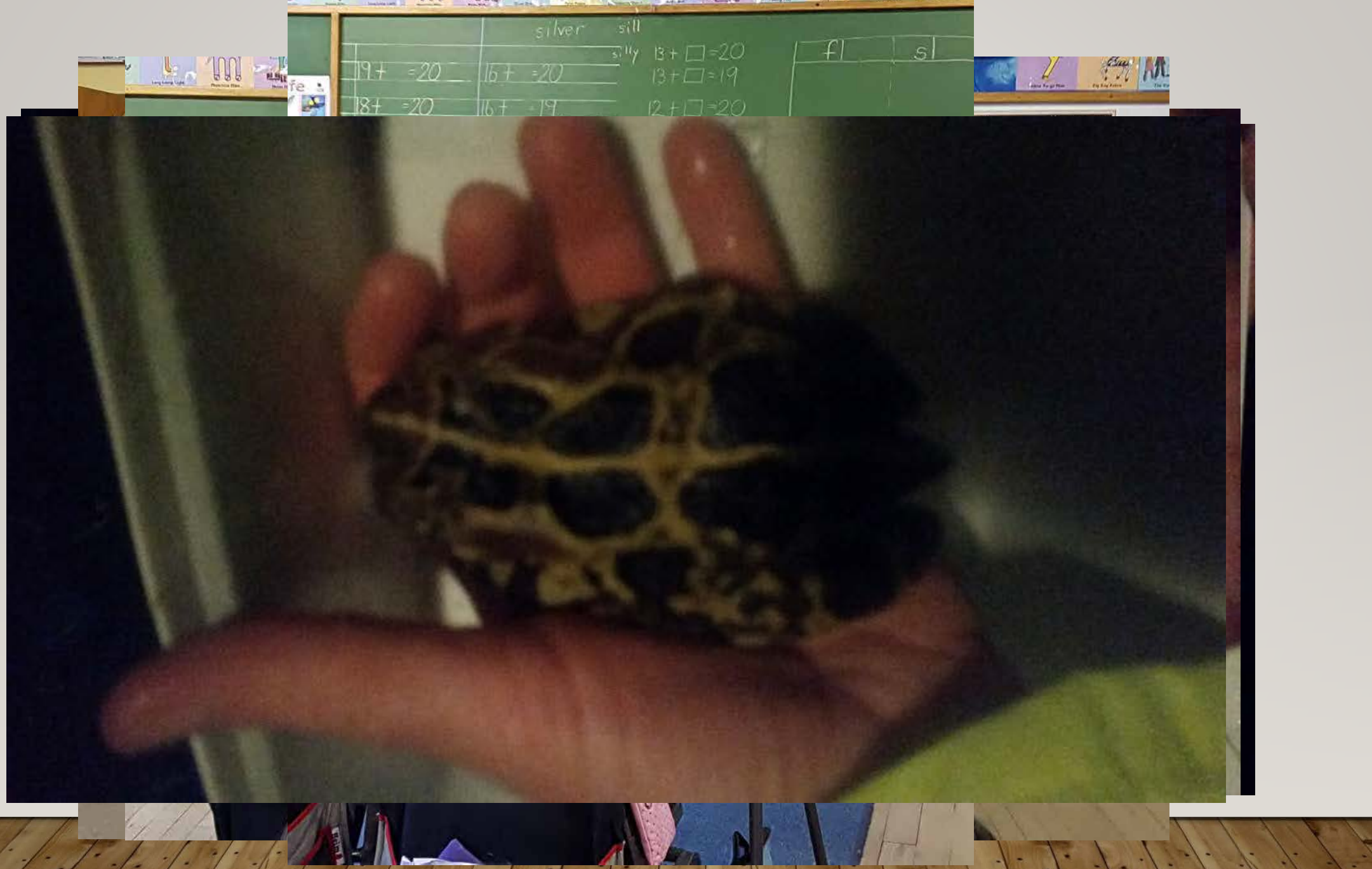




Western Leopard Toads

- The Western Leopard Toad is endemic to Cape Town and the Aghulas Plain.
- They are endangered.
- They migrate to breeding ponds during the months of July and August, at night when it is raining.
- A lot of toads are killed on roads during this time.
- There are volunteers who help every year to protect and move the toads during the mating season. They are the Toadnuts and Toadsavers.




silver
sill
silly
19+ =20
16+ =20
18+ =20
16+ 19
13+ □=20
13+ □=19
12+ □=20
f
s

How do we save toads?

- Drive slowly on the roads at night when it has been raining.
- Install toadsavers into pools and ponds.
- Create toad friendly gardens.





Thank you to everyone who helped me with my projects. My neighbours, community, school, friends and my far









The Eco-Brick Challenge

By Ezekiel Courtney







Beach Clean-up at Soetwater

Typical Beach Clean-up Garbage



Document Your Garbage



The Waste Crisis





Landfill Chaos

- Refuse
- Reduce
- Reuse
- Recycle
- Rot





Eco Brick Building



Eco Brick Challenge

The End



Aquarium presentation

By Eve

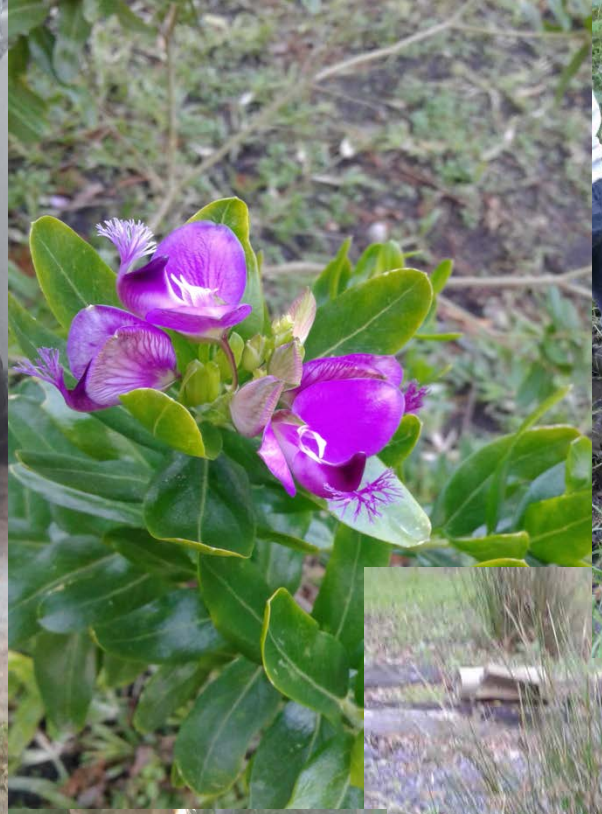




















Smart Living course 2017 presentation

By Ella Larkin- Fish Hoek Primary School

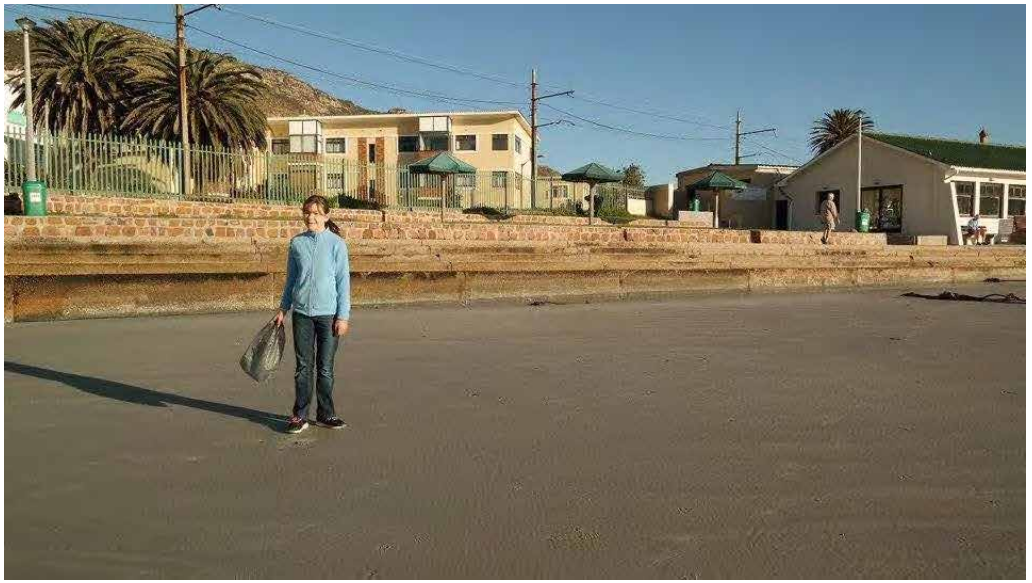
What I had to do

In order to do this awesome course, I had to do 2 environmental actions so…

I chose to do a beach clean up and a talk to 2 schools.

The beach clean up

- On Sunday 25th June, I organised a beach clean up with my friends, family and myself.




















Beach Cruiser
SEA | SAND | SURF







The talk for Bay Primary

- I gave a talk to Bay Primary School Grade 1's on Wednesday 28th June on how to save water.




minus
less
plus
more
bed




White board

FLOURISH remedial centre

- I decided to also give a talk on how to save water at FLOURISH remedial centre which is a school for children with learning disabilities.(because everyone can make a difference☺)





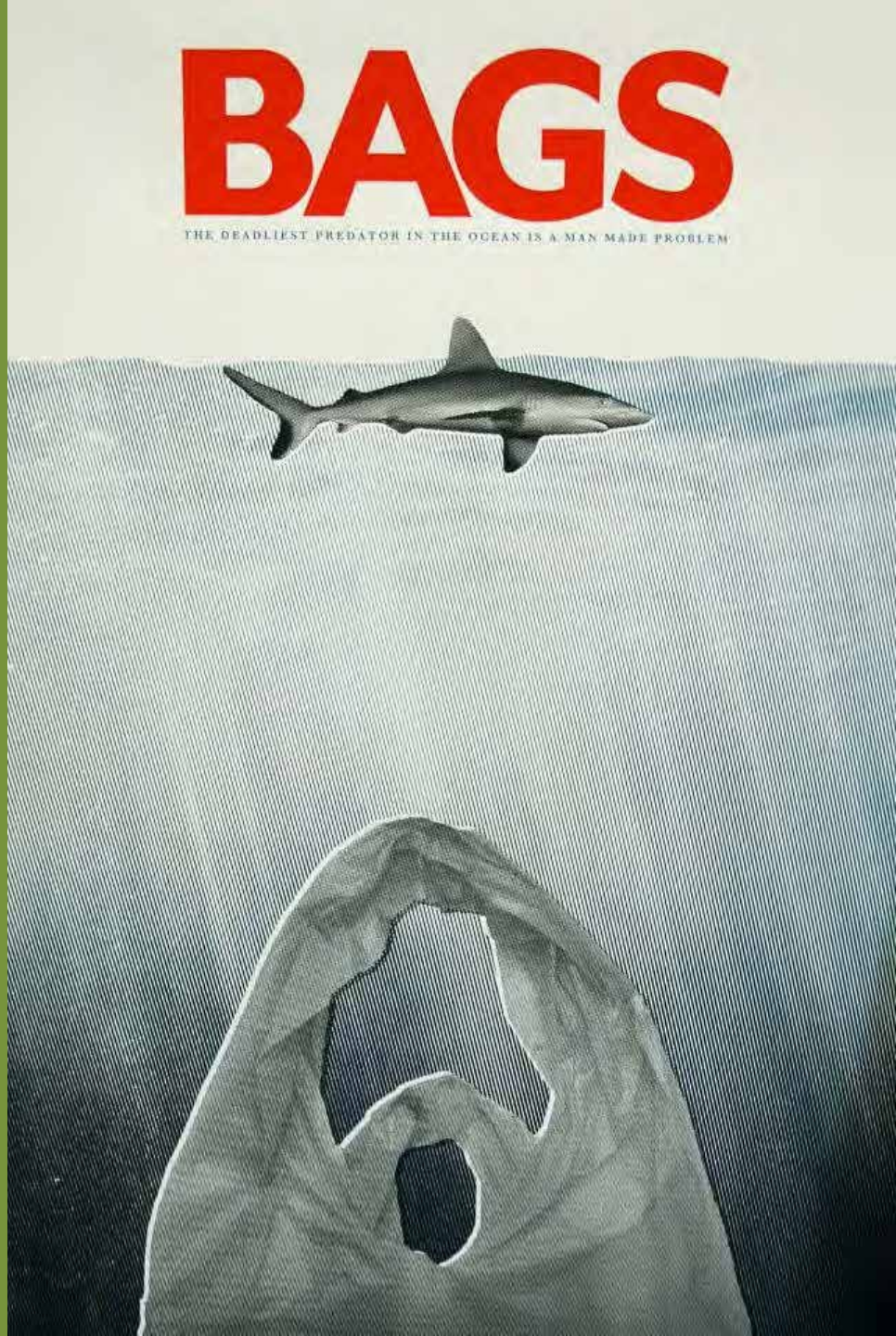


Special thanks to.....

- Everyone who helped me
- The awesome aquarium staff



Dian Kruger
environmental actions.



We were asked to do two environmental actions:

Number 1:

T-shirts


SAVE OUR OCEAN.CO.ZA


DON'T LITTER
OR ELSE...
SAVE OUR OCEAN.CO.ZA


WE MIGHT BE UGLY....
BUT WE DON'T POLLUTE
OUR OWN LIVING SPACES!
SAVE OUR OCEAN.CO.ZA


Plastiek Suck!.
Don't Litter
Save Our Ocean.co.za

Second environmental action:

Design a website with the purpose of:

1. increasing awareness of the dangers of pollution
2. Getting the community and kids involved in cleaning up beaches and parks
3. Getting businesses to care and get involved


Save Our Ocean
HOME
TEAM
HELP US TO KEEP OUR OCEAN CLEAN
How you can help: Book a beach cleanup or park cleanup with your friends and win cool prizes. OR Sponsor a beach clean up and let your company help the environment.



HELP US TO KEEP OUR OCEAN CLEAN

How you can help: Book a beach cleanup or park cleanup with your friends and win cool prizes. OR Sponsor a beach clean up and let your company help the environment.

Do a park or beach cleanup and win awesome prizes

Gather all your friends and go to your favourite

Donate and help us to Save Our Ocean

We have started a campaign on... where you can help us to

Business sponsorships

If you have a business and want to sponsor clean-ups or donate

Your business here!

Wouldn't it be AWESOME if your business was featured here as our main sponsor? We think

Save Our **Ocean**

HOME TEAM

Just because we are young doesn't mean that we can't do our part!

Have a look at all the awesome beach and park clean-ups that have been done allready. Please join us and organise your own clean-up. remember you can win lots of great prizes!

GALLERY OF AWESOME PEOPLE CLEANING UP OUR BEACHES AND PARKS!





Save Our Ocean



CLICK HERE TO READ MORE ABOUT WHY IT IS SO IMPORTANT NOT TO LITTER

Save Our **Ocean**

HOME TEAM

Save our ocean T-shirts!

When you buy and or wear one of our T-shirt you not only look AWESOME but you show everybody how much you care for your environment and the hopefully you will inspire them to do the same. We try to make our t-shirts as affordable as possible, but each one is individually made

LEARN MORE



Save Our **Ocean**

HOME TEAM

More about us

My sister and I live in Cape Town and we just LOVE our city and our beaches. Read here if you want to get to know us a little bit better



Dian Kruger

Chief clean-up ninja and ocean lover



Mia Kruger

Chief organiser

Hi, my name is Mia



Martie Kruger

Mom and adult in charge

Everybody here please get involved

www.saveourocean.co.za

Smart living course:Environmental Presentation

By:Dhaakirah Whisgary

Speech on why,how and what to recycle-





My world is your world.....

Our animals is dissapearing
Endangered,extincted without us fearing
Their habitats gets destroyed
But man don’t realize this void

Pollution is affecting earth so bad
Our plants and trees,they look so sad
Recycle,stop destroying,preserve and care,
For our animals,forests,rivers and seas
For once again mother earths beauty will increase!

Every one wants to live in a clean and safe environment

- So lets recycle,re-use and reduce our day to day materials/waste at our homes,school etc
- Firstly look for products with this sign to buy in supermarkets!



75% of our waste is recycable

But dumping mines is closing down....so where do we take our waste ??Our environment simply cannot cope !!





What is recycling?
To make a product into some other product or to just use it over and over again.



What is reduce??
Do not buy products that you cannot use again or that which is dangerous to the environment!



What is Re-use?

Use products/materials over and over again and for different usages



Bins for different recycling materials

Our pride…….

If we tried…….

To divide……..

Our waste ……..

In our environment….

OUR WORLD!!!!



Preserving Beauty

This is a garden created to uplift and restore pride

Nature has no pride if we don't continuously care for it……

So we clean,clean and clean up,even if we know littering should be done in waste bins…..if not recycled!!!



Operation Clean Up







Thank You for listening

Thank You For Caring about the earth as it cares for You and me!!!



Environmental actions



Danica







23 June 2017





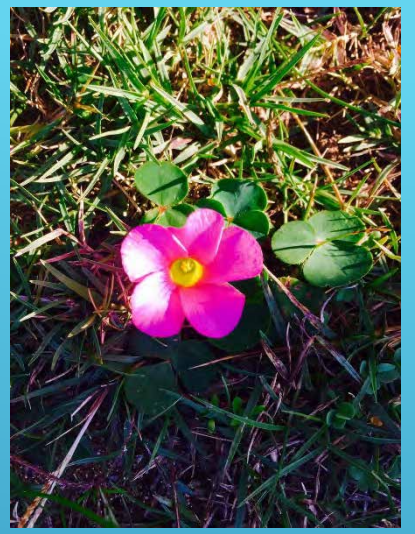


#1

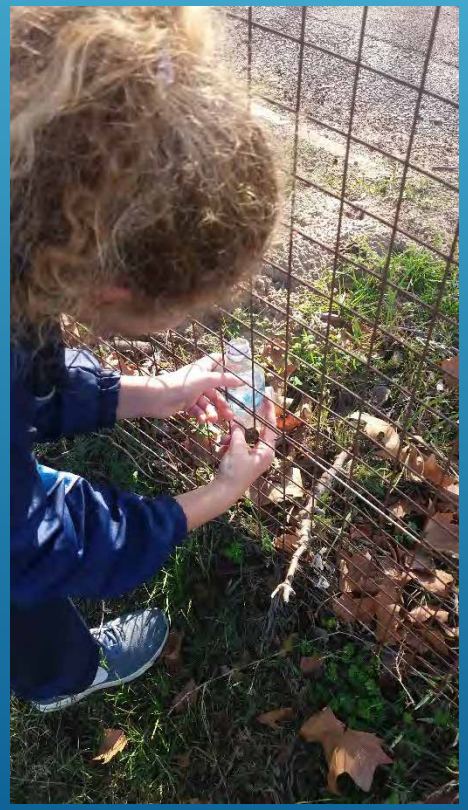


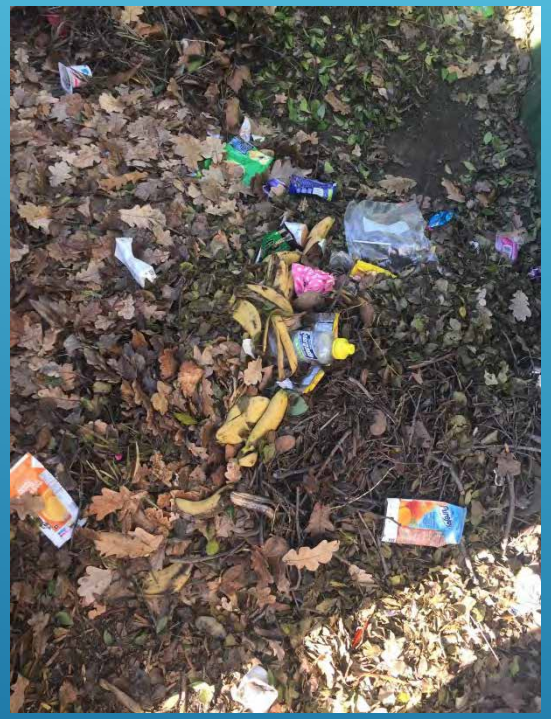
I see rubbish everywhere!



























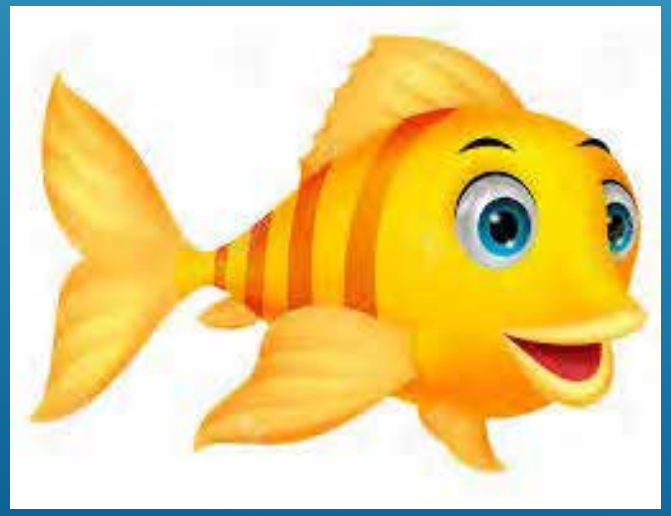
26 June 2017

Grade Pre-R
Class Visit

Educate the youth as early as possible!



#2





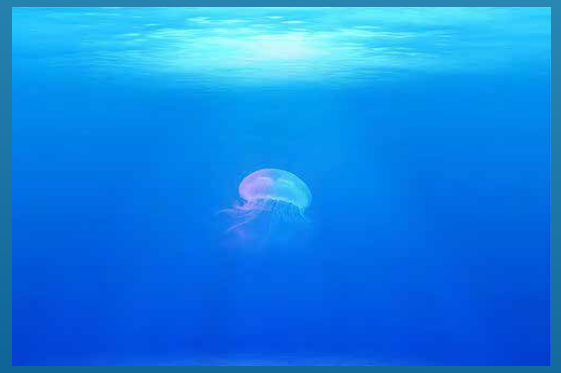
THANK YOU













SMART LIVING PRESENTATION: WASTE /RECYCLING

CREATED BY DALIN WHYTE

START:

- Identified that our learners needed to be reminded of our existing Recycling project.
- My peer, Kaulthar, and I spoke and decided that we were going to work together in solving our issue. Each of us decided on working and educating a certain class.
- I took a grade 5 class and Kaulthar took a grade 7 class.

MEETING WITH GRADE 5:







CLEAN UP:

- After the meeting we decided on cleaning up the section of the school that was allocated to the grade 5 learners.

- My section is in the front of our school so we started there.
















g things
Spot On
First
hoice

ENCOURAGED THE LEARNERS IN GRADE 3 TO BRING WASTE FOR EARTH WORM FARM:





THANK YOU!!!!

How I changed my lifestyle



Compiled and presented by Ankia Van Zyl



Using Grey water



Eating locally grown vegetables (our vegetable garden)

These aren't my environmental actions, they are just some changes that I made in m better, because of the course.



Compost



Me, digging in the bin

My two environmental actions







Speech about waste

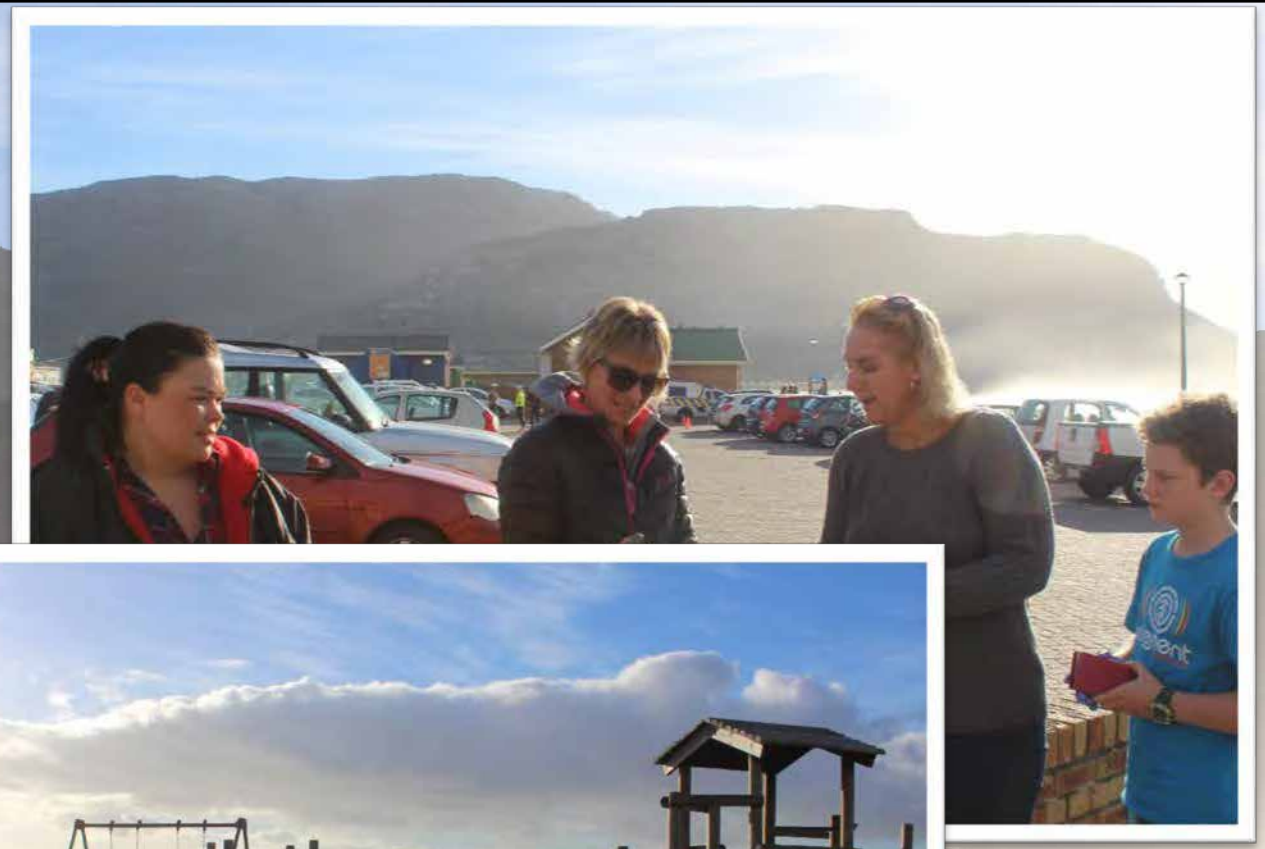


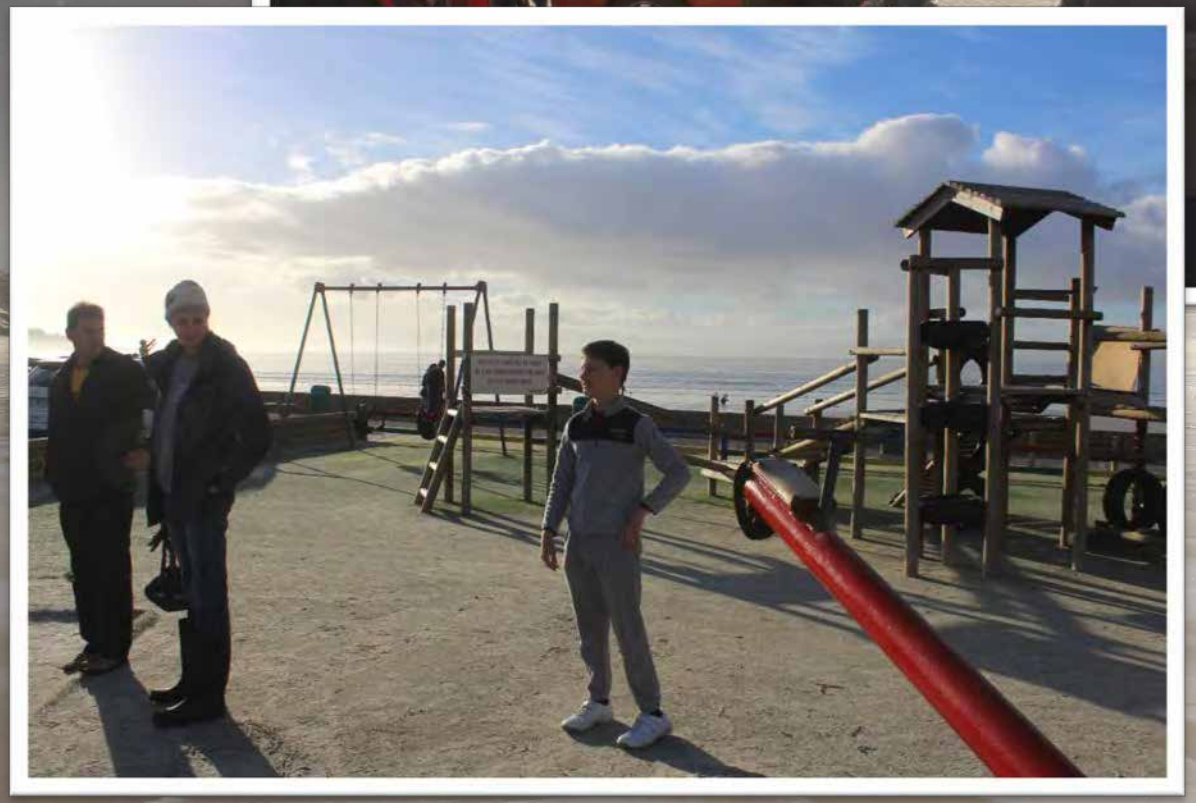
The video that I made to show the children I talked to...



Beach Clean up

Fish Hoek Beach





22 people helped to clean up the beach.



Broken computer and many bags of waste and some recycling bags.





We reused the required waste by giving it to Gaby Vosloo to create Eco Bricks (that was one of her environmental actions)









THE AQUARIUM PROJECT

THIS IS MY FIRST ENVIRON-MENTAL ACTION

The First thing I did was a neighbourhood clean up



This is me and my friend Dylan picking up rubbish from the storm





This is Dylan's dad who is helping us clean up





this is all the stuff that we collected!





This is my second environmental action

I decided to make a plastic recycling box and I put it in my school!



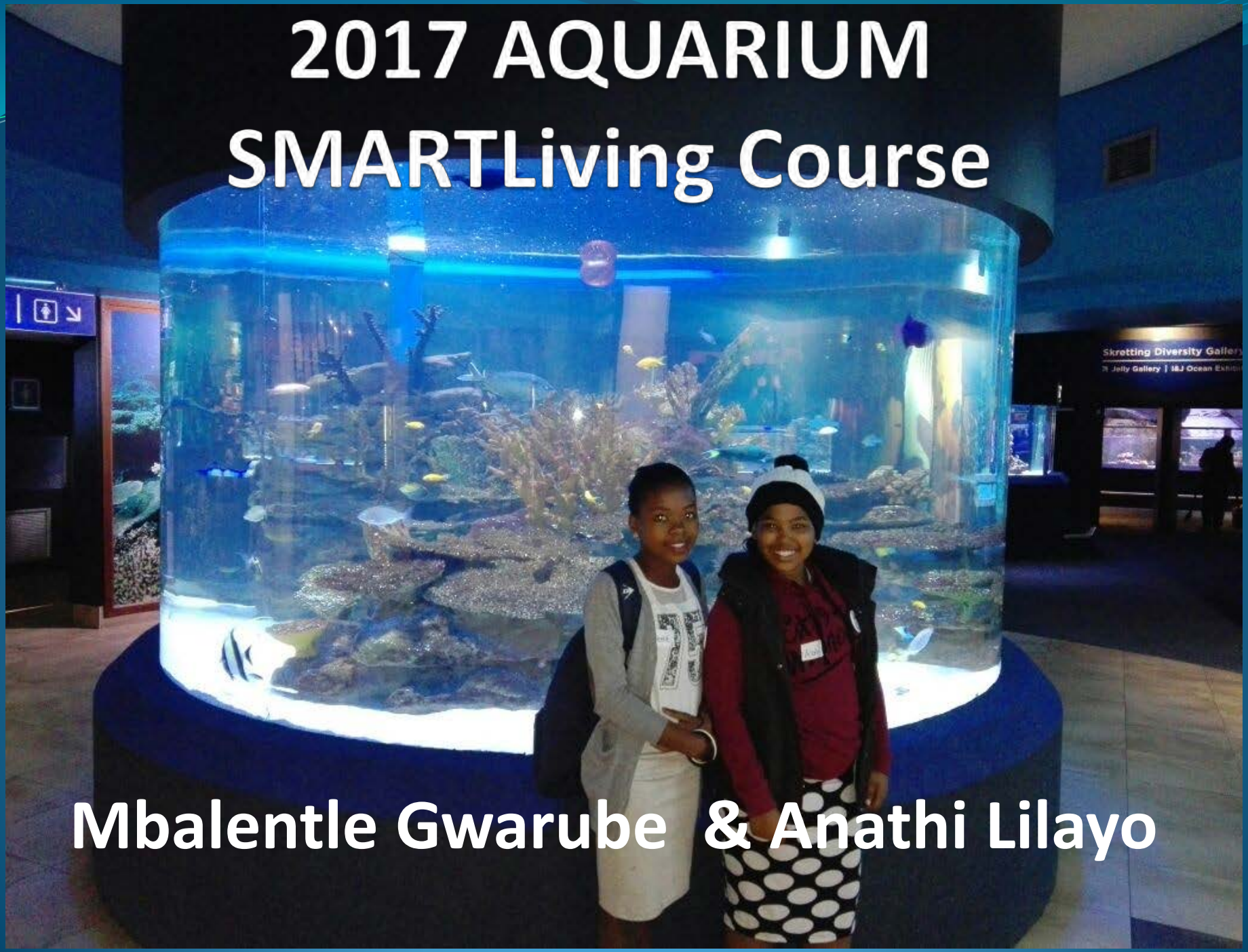




And then I wrote an email to a recycling company and then they donated a proper recycling box for plastic!

THANK YOU SO MUCH FOR LISTENING TO ME!!!

:D


2017 AQUARIUM
SMARTLiving Course
Mbalentle Gwarube & Anathi Lilayo

Week 1 – Animal Hunting





Learnings: Confidence, Making friends

Week 2 – Biodiversity



Learnings: Public speaking

Week 3 – Green Point Park



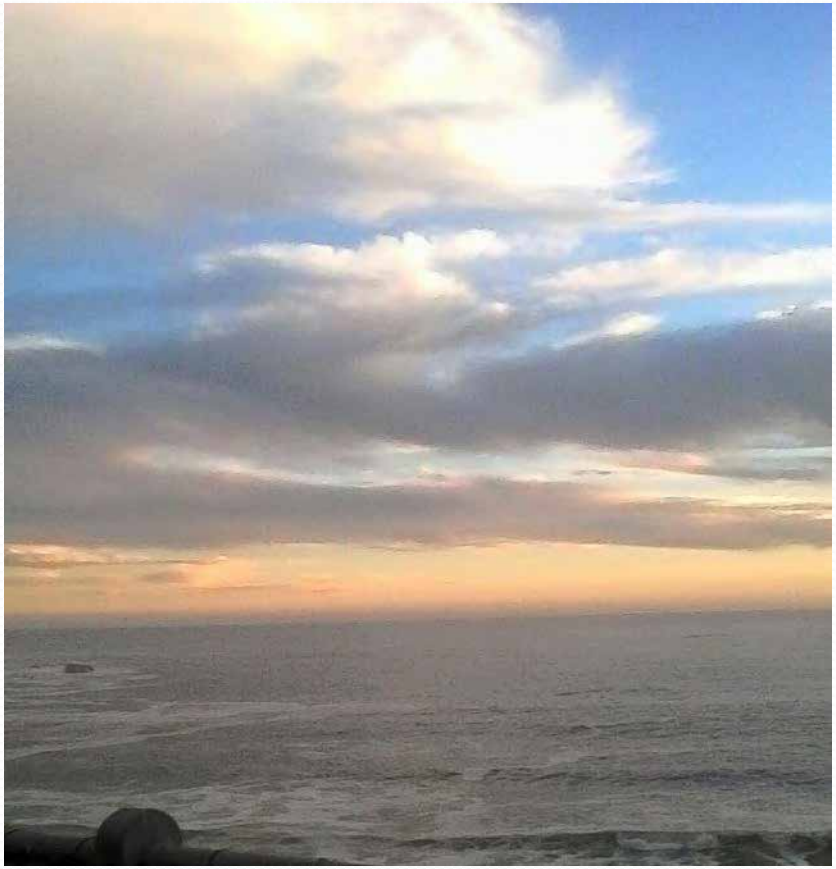
Learnings: Communication

Week 4 – Landfill site



Learnings: Advocacy, New knowledge

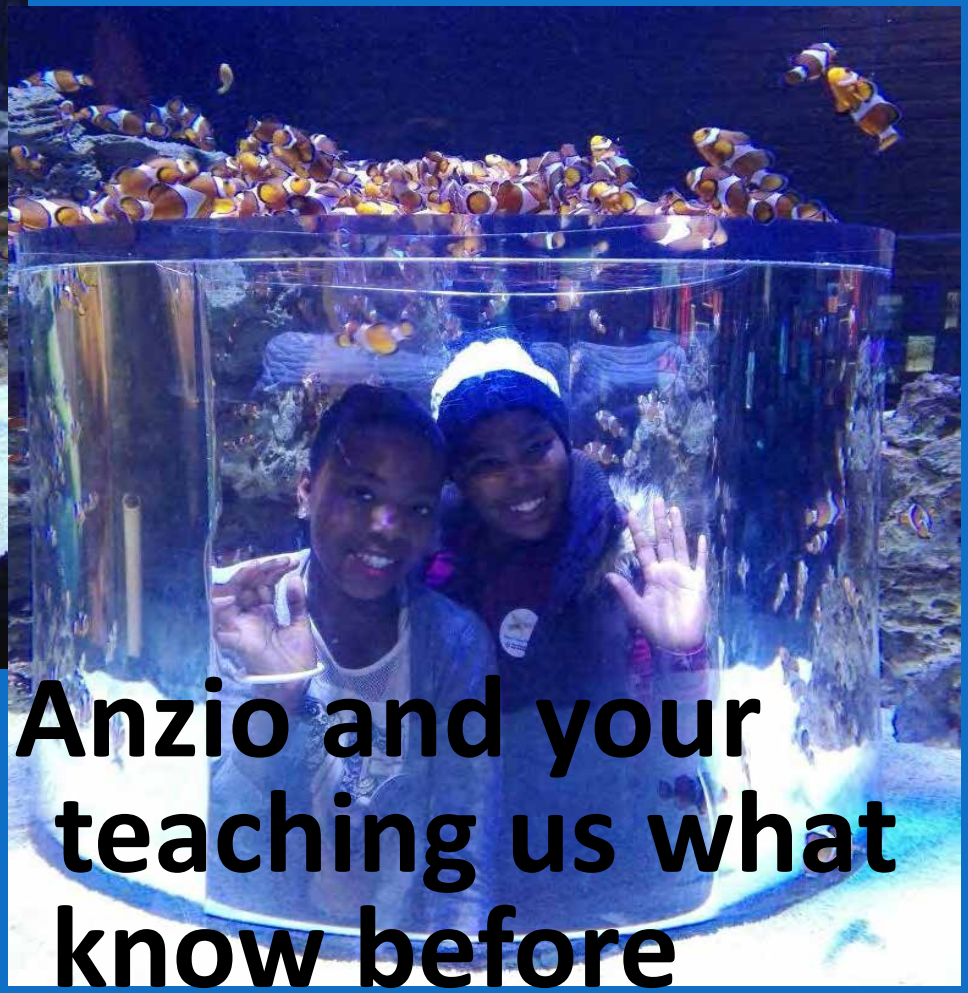
Week 5 – Beach clean up



Learnings: Group work

We really enjoyed our time at the Aquarium!





Thank you Anzio and your colleagues for teaching us what we didn't know before