

EUREKA WEEK - DAY 3

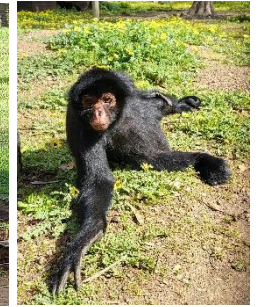
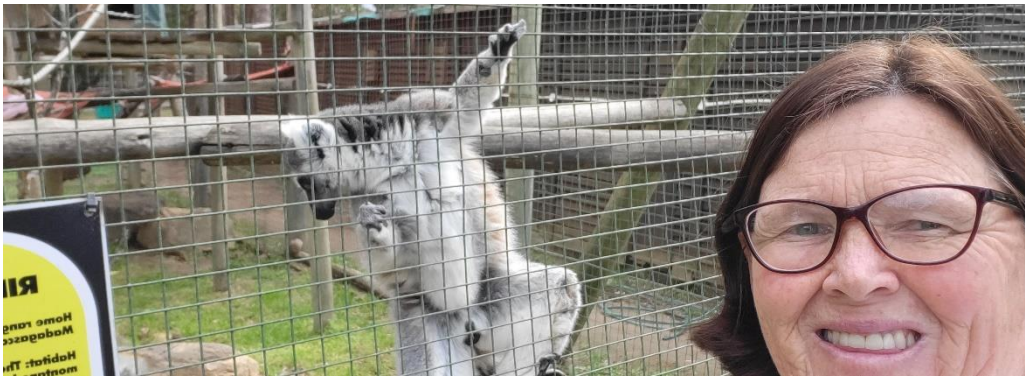


TERM 3 WEEK 10 (20 SEPTEMBER 2023)

GRADE 1 OUTING TO MONKEY TOWN

The Grade 1s had the privilege of visiting Monkey Town today. They explored more than 200 primates and 26 different exotic species of monkeys. They also visited the reptile garden and learnt about different reptile species. What an amazing way to end the term! We felt like CHIMP-ions!





PRE-PRIMARY SENSORY ACTIVITY

Oakwood enjoyed a full day of sensory experiences and opportunities. Not everyone likes to get their hands messy, wet or dirty - so why is it so good for us?

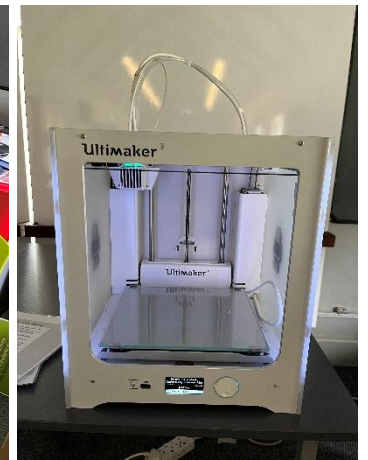
Sensory play encourages learning through exploration, curiosity, problem-solving and creativity. It helps to build nerve connections in the brain and encourages the development of language and motor skills. The sun shone for us as we enjoyed all of the sensory trays provided by the Oakwood teachers. Shrieks of delight and shock could be heard on the playground!



GRADE 6: 3D PRINTING

Today, the Grade 6 children were introduced to 3D Printing. They had to find a model, then insert it into an app, which then generated a 3D version of the model in the 3D Printer.

Our STEM project was to work in groups of three to research and make an "Infinite Loop Water Wheel". Much fun was had with the building of the project, however not many experienced successes. Back to the drawing board to find out how to improve the design / pressure - part of the Design Process!



GRADE 4 MARBLE RUN

In an exciting hands-on project, our Grade 4s embarked on a thrilling adventure of designing and constructing marble runs made entirely from cardboard. Guided by specific criteria, including the creation of pathways for marbles to navigate, designing supporting joints for attaching slides to backboards, experimenting with materials to control marble speed, and incorporating at least one turning wheel or axel element, our young engineers displayed exceptional determination and resilience. They encountered challenges along the way, but what truly stood out was their unwavering commitment to problem-solving and their admirable perseverance. These budding engineers demonstrated not only their creativity but also their ability to adapt and learn from their mistakes. We couldn't be prouder of their grit in mastering the art of marble run engineering. Congratulations, Grade 4s, on your remarkable achievements!



GRADE 7 HIKE

On Wednesday the Grade 7s were supposed to summit the mighty West Peak as part of their preparation for Quest. Unfortunately the weather did not play ball and the route needed to be amended due to safety concerns on the Peak. The Grade 7s were given maps of the Helderberg Mountain and they needed to self-navigate themselves to Disa Gorge via the Eastern and Western sides of the reserve. From Disa Gorge the groups traversed across the face of the mountain on Woodies Walk and descended alongside the fence line back to the parking lot. The groups were asked to find a name for their Quest group as well as produce a war cry. A great deal was learnt on the day about mapwork, teamwork, perseverance and determination and this will no doubt help them as they prepare for Quest in November.



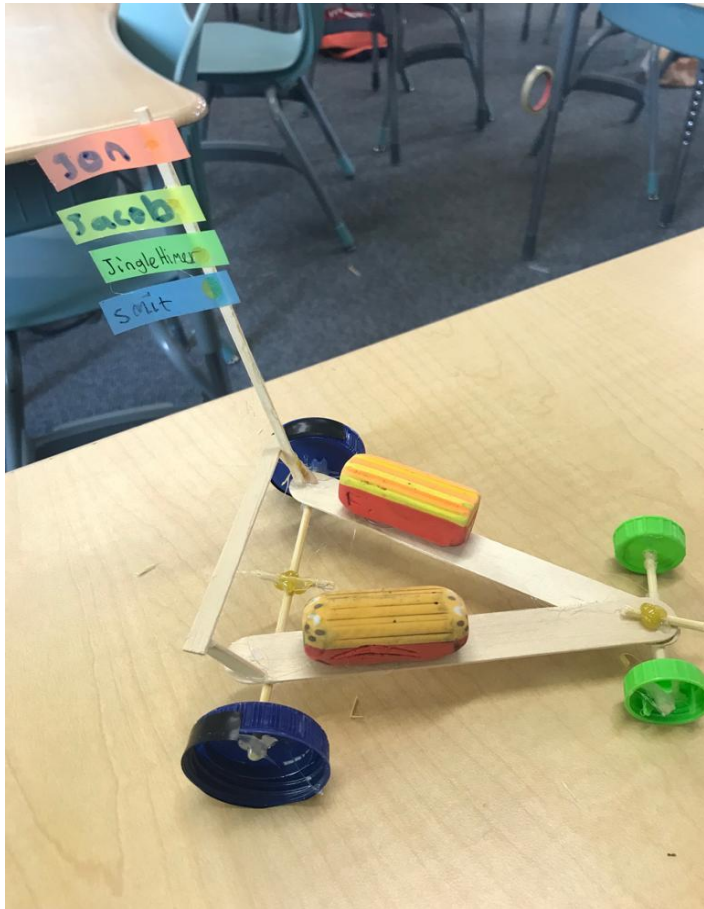
GRADE 3 STEM PROJECT

Get ready to embark on a thrilling adventure, the Grade 3s discover the magic of engineering as they design and build their very own balloon-powered cars. From sleek and speedy racers to whimsical and imaginative creations, these young engineers unleash their creativity and problem-solving skills to craft the ultimate balloon-powered marvels. Learning is a hands-on experience that sparks a lifelong passion for science, technology, engineering, and mathematics (STEM). Through teamwork, trial and error, and the sheer joy of exploration, the Grade 3s not only construct amazing vehicles but also gain invaluable knowledge about the principles of propulsion, aerodynamics, and mechanics. We hope that through these photos you can join these budding inventors on a ride filled with laughter, ingenuity, and endless possibilities. Get ready to witness the boundless enthusiasm of young minds as they set their balloon-powered cars in motion, demonstrating the pure joy of learning and the limitless potential of imagination. Let the adventure begin! Eureka!



GRADE 5 STEM PROJECT

As part of their Technology syllabus this term, the Grade 5s learnt all about wheels, axels and elastic potential energy. Today they combined these two components and designed and created their very own elastic-propelled cars. The children were put to the test, having to overcome unexpected challenges along the way. All in all, it was a successful day of fun.



GRADE 2 OUTING

The Grade 2s had a wonderful outing to Giraffe House!

They started with an interactive show where we met 'Charlotte' (a tarantula), 'Peanut' (a Bearded Dragon), 'Pickles' (a Frog) and 'Cookie' (a Burmese Python). The children loved learning more about these animal ambassadors and were given the opportunity to touch the python, if they were brave enough! Afterwards they were taken in small groups on a self-guided tour of the facility where they saw a variety of beautiful animals.

These were some of their highlights:

- Aidan: I loved touching a Burmese Python.
- Oliver: I liked seeing the lemurs, meerkats and python.
- Faye: I loved seeing all the animals. The Lemurs and meerkats were my favourite and I loved the reptile show!
- Jack B: I liked watching the show.
- Karoline: I enjoyed spending time with someone that you don't usually spend time with.
- Tristan: My favourite part was touching the python and seeing the giraffe.
- Jack S: I liked the show and the warthogs!
- Lizwe: My favourite part was seeing King Julian!
- Nhloso: My favourite animals were the Springboks, snakes and flamingos.
- Lia: I liked taking a picture in front of a giraffe!
- Caydi: I enjoyed making new friends.
- Othniel: I liked seeing different animals and it was funny when my cap blew over the gate and landed on the grass! (a Giraffe House staff member rescued it!)
- Tyler: I enjoyed laughing in the bus with Max and Raadhi.
- Adam: I liked looking at zebras and crocodiles.
- Ben: I liked naming one of the ducks, Bob.
- Jackson Kock: I liked seeing the monkeys and the owls.

Thank you Grade 2s for showing your appreciation of animals today!





GRADE R MUSIC MANIA

The Grade R children were stranded on an Island and there was only one way to escape... make music. They needed to find any available objects in their environment to make various sounds and music.

Hitting rocks together, rustling leaves, clanging Lego blocks and pouring rice through a funnel all made some lovely sounds for their successful departure off the island.



GRADE 3 ROBOTICS

Gear up for the Grade 3 Interhouse Robotics Challenge, where our young engineers faced a double challenge! Unlike the Grade 1s and Grade 2s, these Grade 3 pupils not only had to master the art of racing cars but also took on the task of building their own robotic vehicles from scratch. But the excitement didn't stop there; the route was far from a simple straight race. Instead, they had to partake with their team in a relay race, adding an extra layer of complexity to the competition. Well done to Lanner who was victorious in the Grade 3 round.

After adding up all the points from each Grade in our first Interhouse Robotics race the points were as follows:

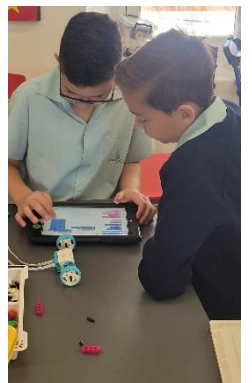
- Peregrine: 410 Points
- Hobby: 410 Points
- Lanner: 360 Points.

Well done to all the children on showing grit and determination during the races.



GRADE 4 LEGO ACTIVITY

Grade 4 boys enjoyed time in the Knowledge Centre today building Lego cars. They had to design and programme their own cars and then race their friends. Great fun was had by all and we were so impressed at their design, building and coding skills.



EUREKA WEEK - DAY 4



SOAPBOX GO-CART DERBY - POSTPONED

Unfortunately, we need to postpone our Go-kart Derby (that was scheduled for tomorrow, Thursday) to the first week of next term. Our fields are too wet and there is more rain scheduled for tomorrow. We will host this event on Wednesday 11th October on our Webb Field, following the same programme and details as previously communicated. Parents are allowed to spectate and cheer their classes on. There will be a tuckshop available for the children on this day. Please send no more than R30 per child.

The programme for the races is as follows:

- Grade 3: 09:00 – 09:30
- Grade 2: 09:40 – 10:10
- Grade 1: 10:20 – 10:50
- Grade 4: 11:00 – 11:30
- Grade 5: 11:40 – 12:10
- Grade 6: 12:20 – 12:50
- Grade 7: 13:00 – 13:30

Please use the holidays to continue finding sponsorships so that we can make this a fantastic fundraiser for our school.

Thank you..

