



SENIOR PREP

Keyhole: 911

4 April 2019



**ST PETER'S
BOYS PREP SCHOOL**

THROUGH THE KEYHOLE

Weekly Newsletter of St Peter's Boys Prep School

FROM THE HEADMASTER

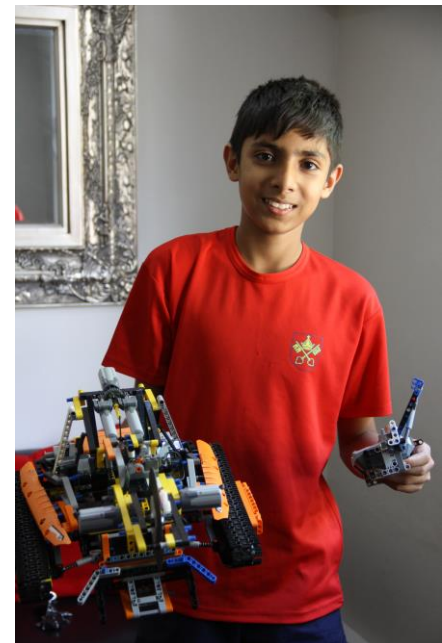
Over the past few years we have attempted to share a teaching philosophy with parents that focuses on activities that demonstrate choice of learning, self-management, self-assessment and the promotion of intrinsic motivation. This pedagogy has been combined with our inquiry based approach and our Flexible Learning Programme to create a curriculum that, in addition to the very important core skill knowledge that our children receive, promotes the development of a love for innovation that goes beyond formal classroom time.

In this newsletter, I would like to share the innovative robot that was designed and built by one of our boys, Nirvan Lachman, over the recent long weekend. I believe that it illustrates the type of thinking and use of resources that we aim to promote through our particular brand of teaching.

Nirvan identified the need to address one of our 5 Gs, "Grounds" through the collection of debris and litter. He decided that this could be done using robotics, coding and the development of Artificial Intelligence solutions. Nirvan combined Lego pieces, 3-D printed components and an angle grinder disc to create a prototype scale model of a robot that will not only be able to chop debris into "bite-sized" chunks, but can also be controlled using mobile technology from a remote location.

Just speaking to Nirvan about his creation, one gets the sense that he is already developing it further with a strong Artificial Intelligence component attached. We posted a segment of Nirvan's demonstration of his invention to me on the School Facebook sight and it has enjoyed well over 2000 "Likes" already. Please go to **St Peter's Boys Prep Facebook page** to see the video.

Nirvan's innovative thinking and practical application of ideas to solve a problem epitomises what we are trying to create in our boys. Most importantly, he has had an absolute ball building his robot and is able to achieve a great sense of satisfaction through his own evaluation of his success. I congratulate Nirvan on his outstanding innovation and look forward to seeing him playing a leading role in AI development in years to come.



Have a great week!

Rob Macaulay

ST PETER'S PREP PARENT PORTAL

We are pleased to announce the opening of our Parent Portal which will allow parents to check upcoming events, extra-curricular information and view school reports from home, office or anywhere. Communications between parents and teachers can and will also take place via the portal. The realtime link this Portal provides, is a must have facility in today's busy world.

We will be keeping all our current communication channels, until we are comfortable that the Portal provides a better service. One important feature is the Portal Calendar. Export and import functions are available for all popular third party calendars with the ability to set up and view multiple calendars.

Activation of the Portal will be emailed out grade by grade. Parents who have children in multiple grades, must please only activate their account once. This will take place from the end of March until the end of May, starting with the Grade 7s.

We will be placing the First Semester reports, 28 June 2019, onto the Portal, so it is important that you set up your account and ensure you remember your password. The following helpdesk will be set up to assist parents who have difficulty: Portalhelp@stpeters.co.za

A user manual can be found on the Communicator.

Should you have any questions, please do not hesitate to contact Caron du Plessis, who will be managing the Portal. cduplessis@stpeters.co.za

IDA I CYCLONE: MOZAMBIQUE

Collection: 8 – 12 April

Days after tropical cyclone IDAI swept through Mozambique, Malawi and Zimbabwe, the visible effects are starting to unfold and the world can see the catastrophic disaster which has taken place. It has destroyed almost everything in its path, causing not only devastating floods, but leaving thousands of people missing, injured, deceased, homeless, helpless, and distraught.

More than 100 000 children in Mozambique have been adversely affected, not having eaten in days nor having access to clean water. Most children have either lost their parents or are still looking for them. These children are in desperate need of help.

Paediatric Care Africa, is co-ordinating a collection and St Peter's is acting as a drop-off point for people who would like to make any donations. Please drop off any of the following in the Chapel prayer room:

Babies: Clothing, baby equipment, non-disposable nappies, cream, soap, non-perishable food and milk for babies; bottled water, mosquito repellent, water purifying tablets

Children's needs: Clean re-usable or new shoes, clothing, blankets, sunhats, socks, jerseys.

Details on the organization can be found at: <https://www.paediatriccareafrika.org>

Father Richard (Chaplain)



SECURITY QR CODE UPDATE

If you **HAVE NOT** filled in a google form, please fill this in: <https://goo.gl/forms/NX1PEDAYmpKMctxR2>
 For those who **HAVE** filled in the google form, please watch your inboxes next week.

For any other queries, please email: stpeters@appcharlie.com

Lance Camphor (Head of Security)

MUSIC AND DANCE OPEN MORNING

All parents from Grade 3 to 5 are welcome to see their son/s in action on the Morning of Tuesday, 9 April. If you wish to observe the music class the venues for the various activities are listed below. We look forward to seeing you there.

Grade 3 SCASS	10:30-11:00	Trumpet (Block A); Flute (Block B Music Dept. Studio M2); Dance (Dodson Hall)
Grade 3 SC	12:00-12:30	Trumpet (Block A); Flute (Block B Music Dept. Studio M2); Dance (Dodson Hall)
Grade 3 KMS	12:30-13:00	Trumpet (Block A); Flute (Block B Music Dept. Studio M2); Dance (Dodson Hall)
Grade 4s	11:30-12:00	Marimba (Zozo Hut next to Sports Dept.); Ukelele (Block A, Recording studio); Violin (Block B Music Dept. Studio M2); Keyboards (Block B Music Dept. Studio M1)
Grade 5s	11:00-11:30	Cello (Block B Music Dept. Studio M2); Guitar (Block A Music Dept. Studio M1); Drum-line (Outside Block A Music Dept.); iPad (Block A, Recording studio)

Daniël Rossouw (Head of Instruments)

GRADE 7 FUNDRAISING – BACON AND BOERIE ROLLS!

ST PETER'S
PREP SCHOOLS

GRADE 7 FUNDRAISING

**THE BACON
IS DEFINITELY
SHAKIN'**

**BACON ROLLS & BOERIE ROLLS
ON SALE - GREAT PRICES!
INTER-HOUSE ATHLETICS
SAT 6 APRIL**

Donuts, ice lollies and the
coffee truck is available too

SnapScan

OLD BOYS NEWS**Michaelhouse**

Kombo Magara was awarded Honours for Music.

BOOKS ON SALE – 8, 9 & 10 APRIL

There is a Book Fair next week in the Boys JP Library.

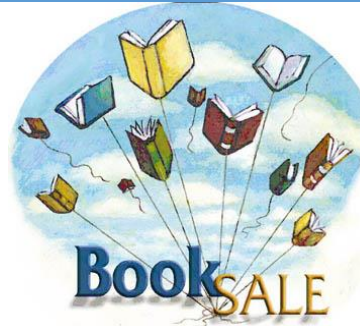
Books will be on sale:

Monday 8 April: 09:00 to 14:00

Tuesday 9 April: 07:00 to 14:00

Wednesday 10 April: 07:00 to 14:00

Methods of Payment: Cash, Credit Cards, Snapscan

**CHARITY**

Bob Martin
SINCE 1892
Official Sponsor

Calling all Super Dogs!

DOG'S UNITE!
For Guide Dogs

The only dog walk of its kind- where your dog is the hero of the hour and every hero will be presented with a cape!

Date: 7 April 2019

Venue: PWC Bike Park JHB
(1A Libertas Street, off Sloan Street, Bryanston, Sandton, 2191)

Time: 07h30-12h00

Keep a look out on our website
www.guidedog.org.za

GUIDE-DOGS ASSOCIATION
South Africa

Make sure to buy your tickets at our webshop
www.guidedog.org.za

**REMINDER: TOMORROW, FRIDAY 5 APRIL
HOT DOG DAY AND CARTRIDGE COLLECTION 5**



R25

FORTHCOMING WEEK

Please check on the Communicator St Peter's for the 2019 Easter & Trinity Term Calendar. You can save and load everything relevant to your son into your electronic Calendar.

PLEASE NOTE: DEADLINE FOR NEWS SUBMISSIONS IS 08:00 ON WEDNESDAYS