

# Thandulwazi Times

## Message from the Head of Thandulwazi

*Dr Themba Mthethwa*



*Dr Themba Mthethwa, Head of Thandulwazi*

We are pleased to share with you the Thandulwazi news in 2016. Our tireless commitment to Maths and Science education continues to underpin all our efforts, and while we are very proud of the progress we have made in the teaching and learning of Mathematics and Sciences in and around Gauteng, the expectations we have for continuous improvement mean we still have plenty of work to do.

Our strategic goal is to enhance and expand the current programmes offered at the Thandulwazi Maths and Science Academy. We are proud to share with you that this year we have 1700 teachers registered for the Thandulwazi professional development programmes. We are delighted that our project for teacher upskilling in Limpopo is growing incredibly through the support of our funders in the region, PEP and the Solon Foundation. This year Thandulwazi introduced an exciting SMT programme to train 60 school HODs in their role and responsibilities. In addition, some 1044 students from 175 high schools across Gauteng are participating in our Saturday School classes. Furthermore, we provide 37 teacher learnerships on our Thandulwazi Intern-Teacher Training Programme and we are currently recruiting new interns for 2017. These high quality programmes contribute towards addressing the broader challenges in the teaching and learning of Mathematics and Science in South Africa.

As the Head of Thandulwazi I wish to express my sincerest gratitude and indebtedness to the Thandulwazi Team and all our partners for their unflinching support and the cooperation we have received since Thandulwazi was established. I further invite everyone to support our programmes in all possible ways. I hope you will enjoy reading this newsletter.

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**THANDULWAZI - inspiring a love of learning**



## THANDULWAZI GRADUATES MAKING A WORLD OF DIFFERENCE

**Mr Sanele Ndaba joined the Thandulwazi Intern-Teacher Training Programme in January 2012, straight out of Matric at Hill High School. Over the next 4 years, Sanele underwent mentored, pre-service teacher training in both the St Stithians Boys' & Girls' Colleges. He completed a Bachelor of Education (FET phase, English & History) at UNISA & graduated in December 2015. He was recruited as a History Teacher by St George's Grammar School in Cape Town & commenced teaching in January 2016. Sanele writes of his 1st term as follows:**

"The four-year teaching experience that Thandulwazi has given me has proven to be beneficial. My first year with a full teaching load has been very challenging. I have had to adapt to living in a new city and a new work environment. Thanks to the Thandulwazi programme I have developed coping mechanisms to deal with the pressure and it helped me create structure.

Coming from a very different background, the internship programme exposed me to the private school culture, such as curriculum development; attending marks meetings, tutors and a range of extra-murals and sports. So I knew more or less what to expect and how to best prepare for it by the time I assumed my position at St George's. However, I am still learning daily and still do make mistakes. But my challenges have been manageable in comparison to my friends who did their degree full time. They are constantly asking me for advice and they are struggling to adjust to the working environment and their professional duties. I advocate the internship programme because it exposes the student teacher to the daily running of a school, how to be professional, how to manage a class, how to deal with parents and discipline students. In addition, it gives one that added advantage that books can never give you: the ability to interact with learners in class and you are able to put the theory into practice and realise that in education the human touch of compassion towards your learners makes you an effective teacher. The quote "No one cares what you know until they know you care" has been my approach this year and it has helped me create a space in my classroom where learners feel safe and cared for.

St George's Grammar School has allowed me to grow. The school has given me professional autonomy (which is rare for a new teacher) and that has really allowed me to grow. They are supportive and open to new ideas. They trust my judgement and that has pushed me to research more and be more creative with my planning and teaching. It is great environment to work in because it allows one to experiment and develop as a teacher. The staff and management are very helpful and understanding. St George's Grammar School is one of the top schools academically in the country and this is a result of their approach to education. Their theories on education and training are sound and I can identify with the vision and values. I am really grateful to St George's Grammar School for giving me the opportunity to work in such a lovely environment.

Lessons learnt at St Stithians will always stay with me. The friendships created and the profession alliances. In fact I still call my mentors for advice and resources and they are always willing to support and help me. I am truly grateful for the opportunity that St Stithians gave me. I was included in all aspects of the school and that has created a lifelong passion. The lessons from Mrs Aquisto on servant leadership will always stay with me both professionally and personally. The lessons learnt at the Kamoka Bush School exposed me to offsite duties which came in very handy in the exciting and unforgettable sports tour to Knysna this year. The lessons learnt in the classroom while observing or teaching have helped me to become a reflective teacher who understands that reflection is a very important aspect of teacher development. The sports coaching and qualifications have come in very handy too when trying to motivate the learners during the Knysna sports tour.

I am truly grateful to Thandulwazi, St Stithians College and St George's Grammar school for the opportunities that have been given to me. I Thank you."

**Sanele Ndaba**

**Sanele (centre) photographed below with students from St George's Grammar School, 2016**



**Ms Boitumelo Kitime, Thandulwazi graduate teacher (Dec 2015), is teaching at Masibambane College in Orange Farm in 2016. Tumi writes:**

*"I have always grown up wanting to give back to my community. That is one of the reasons why I decided to become a teacher ... I realised that teachers shape and mould the future and I wanted to shape and mould somebody's future.*

*During my involvement in the Thandulwazi internship programme I was also involved in community service projects. Every time I went to a new public school and then back to the comfort of a private school I realised how far and wide the gap in education is between the two schooling systems. I decided from there on that I wanted to make a difference in public schooling ... (This year) I have transformed to an unknown world and I seem to be fitting in well. I have brought a different approach to teaching with new ideas. The learners are enjoying every single lesson and I can tell just from their feedback and by how they have become curious to go out there and learn about the world beyond Orange Farm ...Leaving my comfort zone has really been an eye opening experience. I am grateful that I am being the change I want to see."*



## THANDULWAZI TEACHER DEVELOPMENT PROGRAMME

### THANDULWAZI TEACHER DEVELOPMENT PROGRAMME—GAUTENG

Mrs Ronelle Klinck was appointed as the programme director in January 2016. Now in its 11th year of operation, demand for places on the programme remains high. Over 1260 teachers and school leaders have signed up for the programme this year. A number of new workshops, such as upskilling teachers' use of tablets using Classmates; and partnerships have been introduced in 2016, one of the most exciting being a pilot E-Skills programme, in partnership with Knowledge Partners, using materials developed by the Vaal University of Technology (VUT) and iNesi. Teachers will receive a certification on completion of five computer modules (Introduction to computers; Internet and E-mail; Word; Presentations; and Spreadsheets). Sixty Thandulwazi teachers have been selected to be part of the E-Skills programme and have to achieve at least 75% to pass each module. Once all five modules have been completed, the teachers will be awarded a certificate by VUT and earn 35 SACE points.



### THANDULWAZI IN LIMPOPO, 2016

From 2013-2015, more than 1100 Limpopo-based teachers attended the Thandulwazi Limpopo Pilot Project and participated in upskilling workshops and a teacher development programme facilitated on 14 Saturdays in that region.

The high demand for places on the programme each year; excellent overall attendance rates; positive feedback from teachers and principals alike about the impact the sessions had on the teaching methodologies implemented, classroom management and school leadership skills; and the M&E undertaken through school visits, confirmed that the objectives of this pilot had been met.

Thanks to dedicated funding pledged by the Solon Foundation and PEP, Thandulwazi is running two programmes concurrently in 2016 in Limpopo.

- A **senior management training programme** for HODs in schools based in the Sekhukhune District, is aimed at improving the quality of education offered by training school management teams, building competencies and management skills. Special focus is given to curriculum implementation and monitoring. This programme is funded by the Swiss-based Solon Foundation.
- A **teacher development programme** for 417 Pre-primary and primary school teachers is offered over 11 Saturday sessions, with particular focus on teaching Maths, Natural Science and English. We are delighted to report that PEP, a new partner, will fund the Thandulwazi-PEP Limpopo Teacher Development Programme for the next three years (2016-2018).

### 2016 Teacher Development Programme

*Over the last 11 years, this programme has grown from*

- **2006—80 registered teachers**
- **2011—642 registered teachers**
- **2016— 1261 registered teachers in Gauteng & 444 educators and HODs are attending the Thandulwazi Limpopo Programmes in the Sekhukhune District of Limpopo**



THANDULWAZI IN LIMPOPO, 2016

## Thandulwazi Academic Scholarship

### Congratulations Luyanda

Luyanda Mazibuko, Grade 11 boarder at St Stithians Boys' College, is the holder of the Galactic Unite Mandela Day Scholarship at Thandulwazi. A talented musician, this term Lu was invited to perform a drum solo in Chapel; played the Marimbas and sang in the massed choir at Founders' Day; and has been selected for the Boys' Choir international tour to Russia in mid-2016., where the Choir will perform in the World Choir Games.



Luyanda in action on the djembe



### “Each One, Teach One”

Thandulwazi Grade 11 student, Enoch Salumu (Ferndale High School), was invited to join the cast of the St Stithian Girls' College production of *Each One, Teach One*, which was performed for the Thandulwazi Saturday School and at the SANAA Festival on 21 & 27 May 2016.

### Graduates of the Thandulwazi Saturday School write:

The impact of the programme is best summed up by e-mails received from graduates of the programme:

*I'm Siboniso Ndlovu class of 2015, I'm currently studying BSc in Mechanical Engineering at the University of the Witwatersrand, I wouldn't be here if it weren't for Thandulwazi. Keep the good work up. YOU GUYS ROCK!!!*  
E-mail: 29/03/2016

*"I am now in 2nd year at UJ and I'm doing a BA in Human Resources Management. I have also started my own company that aims to create an informed society by providing relevant information to high school students. Thandulwazi has created this confidence in me that burn to this day ."*  
Ntokozi Masilela, Email 23/03/2016



THANDULWAZI HIGHLIGHTS, 2016



### TEAM THANDULWAZI

#### Riding for a Purpose in the 947 Cycle Challenge

We call on all friends and supporters of Thandulwazi to sign up for the 947 Cycle Challenge and ride for a purpose in support of *Team Thandulwazi*.

See website for further details: [www.thandulwazi.com](http://www.thandulwazi.com)

# THANDULWAZI SATURDAY SCHOOL—Focus on Careers —2016

## Take a Girl Child to Work Day 26 May 2016

Sincere thanks to Hill + Knowlton Strategies, who hosted two Thandulwazi students at their Bryanston offices on 26 May 2016. H+K Strategies is part of a global company and a leader in Public Relations, Communication strategy and Media. H+K designed a one-day programme to introduce Kutlwano Letlape (Coronationville High School) and Itumeleng Nhlabi (Sir Pierre van Ryneveld), pictured below with the MD of H+K (Roz Thomas) and programme coordinator (Winnie Dubazane), to key aspects of working in this sector. We so appreciated their support and willingness to share their expertise with the Thandulwazi students.

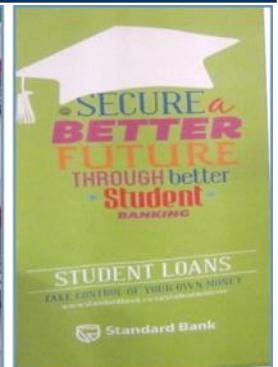


## THE THANDULWAZI CAREERS DAY 05 MARCH 2016

Thandulwazi congratulates the 676 high schools students who selected to attend the annual Thandulwazi Careers Day held on 05 March 2016. Annually, the Thandulwazi Maths & Science Academy organises a Careers Day for students attending the Saturday School, where they are addressed by a range of speakers, who share insights about their courses of study, profession and the work undertaken in their fields of expertise. Some 13 speakers addressed the students on careers ranging from engineering to optometry, banking to satellite technology. Additionally, a number of tertiary institutions and companies set up stands, where students could source information and engage with representatives about courses on offer, study opportunities, bursaries, and learnerships available. We thank Wits, the University of Pretoria, Boston College, Standard Bank, South African Actuary Development Programme (SAADP), Ernst & Young (EY), Anglo American, and the Twenty 31 Movement for their support. In addition this year, Mr Matthew Eardley, an Industrial Engineer by profession, currently a Physical Science teacher at St Stithians Boys' College and the Thandulwazi Saturday School, set up a mini-science lab on stage and demonstrated various scientific experiments which had the students enthralled.

*“Children of today are the  
leaders of tomorrow...”*

(Nelson Mandela)



## HIGHLIGHTS OF THE THANDULWAZI SATURDAY SCHOOL—2016

### JACASS TUTORS AT THANDULWAZI

This year we were delighted to welcome back to the Saturday School, Ms Mpho Lebethe (Thandulwazi Matric Class of 2011) as a JACASS accounting tutor. After completing her tertiary studies in accounting, Mpho (pictured below with the Saturday School Director) is currently doing her articles at Deloitte.



### THANDULWAZI THANKS

The Interact Committee at Roedean School for Girls, which generously donated over 1000 Easter Eggs to the students attending the Thandulwazi Saturday School on 02 April 2016.

### CALCULATOR TRAINING

Sincere thanks to JACASS (Johannesburg Article Clerk Association) & AGSA (Auditor General of SA) for the generous donation of scientific calculators to the new Grade 10 students on 16 April 2016. Ms Astrid Scheiber conducted training sessions with each grade on how to effectively use these tools and provided further tips to assist students their Maths and Science calculations.



## Thank you to our generous partners & funders, 2016

*The growth, impact and reach of the Thandulwazi programmes over the last 11 years would not have been possible without the generous support and benevolence of individual donors, corporate funders and grant-makers, both past and present. On behalf of the Thandulwazi beneficiaries, we thank one and all for their generosity and commitment to providing effective quality education for all in South Africa.*

### Corporate funders

The Thandulwazi Trust is grateful for the funding received in 2016 from the following companies, grant-makers and trusts in support of the Thandulwazi Maths & Science Academy:

AGSA (Auditor General of SA); Anonymous - Educational Trust; ApexHi Charitable Trust; Babcock Africa Services (Pty) Ltd; Babcock Nthuthuko Engineering (Pty) Ltd; Datacentrix; Epoch & Optima Trusts; Equity Value Consulting (Pty) Ltd (t/a Futuresense); ESKOM Holdings SOC Limited; FEM; Growthpoint Properties Limited; HNM Attorneys; IDTek Solutions (Pty) Ltd; JCR Equipment; K2Capital (Pty) Ltd; Lightstone Property Group (Pty) Ltd; Mackenzie Foundation; Mary Nash Memorial Trust; Mazi Asset Management (Pty) Ltd; Mota-Engil Construction SA (Pty) Ltd; Nampak Products Limited; Nedbank Group Limited; NORM Investments (Johannesburg) (Pty) Ltd; Old Stithian Association; OMNIA Group (Pty) Ltd; Oppenheimer Memorial Trust; PEP; Project Group; Protea Chemicals (a division of OMNIA); Route Gaming Solutions; Sir Percy Hunting Foundation; Solon Foundation; Sparcmelt (Pty) Ltd; TR Hindson Family Trust; Ukhozi Pipe Line (Pty) Ltd; Virgin/ Galactic Unite.

### Each One Sponsor One

Our sincere thanks go to the following individual donors for their generous financial support of the Thandulwazi programmes and fundraisers: Mark Andrew; Petro Asch; Steve, Heather & Samantha Ball; Dr Ian Beeton; Carine & Bevan Bryer; Raymond Burger & Family; Calver Family; Justin Cooper & Family (Base One Interiors (Pty) Ltd); G Dinesh; Kate Doyle; Alicia Greenwood; Laurinda Hartzenberg; Karen Hawinkels & Family; Ann Hunter & Family; Kerry Jenkins; Kay Karlsson & Family; Munene Khoza; Liandi & Ria Kirkham; Liz Kobilski; Johanni La Vita; Prudence Lebina; Lees Legal Compliance (Pty) Ltd - Chris Lee; Ben & Colinda Linde; John MacKay; Cleo Molepo; Val Moodley; Matthew Morrison; Mamedupi Moshidi; Lerato Mtoba; Stephen Murphy & Family; Grant & Debbie Nesor; Zandile Ngwepe; Carel Nolte; Ayanda & Chidi Nwosu; Zanele Nyoka; Ria Pretorius; Margaret Stoutt; Larissa van Deventer; Joanne & Monet Villet; Pamela Wade Lehman; Andrew Watt

### Donations

We acknowledge with gratitude the in-kind donations and *pro bono* professional services received from the following donors, which have enhanced the programmes offered by the Thandulwazi Maths & Science Academy:

AGSA (Auditor General of SA); Dave Eadey & the Answer Series; Autism SA (Teacher Workshops); Nicki Miller & Bottleblue Design & Advertising; The Bureau Print; Rachel Cauldwell & EduAccess (t/a PencilBox); Astrid Scheiber (Casio); Ferndale Books; Hill & Knowlton Strategies; Johannesburg Articled Clerks' Association (JACASS); Lindsey Fokkens & Knowledge Partners (iNesi); John Miller & Oakhill Cellars; PWC Inc; Rob Masefield & 3P International Holdings (Pty) Ltd; Roedean School Interact Committee; Kimon Phitidis & Social Innovations; Wade Eshelby; Celeste Oates & Werksmans Attorney

### Volunteers

Sincere thanks to the following volunteers who share their skills and expertise with the Thandulwazi beneficiaries at the Saturday programmes: Bongani Dube (Maths tutor, Saturday School); Johannesburg Articled Clerks' Association (JACASS); Mpho Moseki (Learner Scholarship Mentor); Zandile Ngwepe (Learner Scholarship Mentor); Thizwilondi Nkhumeleni (Maths tutor, Saturday School); Nyameko Ntsulumbana (Maths tutor, Saturday School); St Stithians College Gr 11 & 12 Peer Tutors

**St Stithians College** continues to be a major partner to the Thandulwazi Maths & Science Academy. The College provides the facilities and infrastructure for the programmes; computer labs and internet access; staff to administer/ co-ordinate the programmes; support staff to prepare the venues; and academic staff, many of whom teach at the Saturday School, facilitate teacher workshops and/or mentor intern-teachers.

### Thandulwazi dates to diarise

#### 22-24 July 2016

Thandulwazi Maths Camp, Gr 12 Top Set Maths students

#### 03 September 2016

Limpopo Programme: final workshop and Closing Ceremony

#### 15 October 2016

Thandulwazi Teacher Development Programme Closing Ceremony

#### 29 October 2016

Thandulwazi Saturday School closing session & prize giving

**Website:** [www.thandulwazi.com](http://www.thandulwazi.com) /

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Intern-Teacher Training Programme - Mrs T Mngambi

