



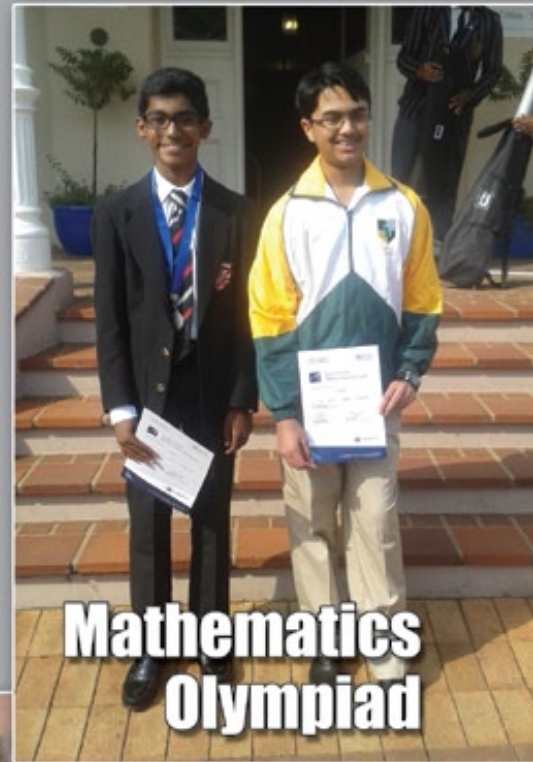
# Magazine EDUCATION



**ECD training**



**Enabling  
education**



**Mathematics  
Olympiad**



**Public Service Award for school**



# SOLAR SOLUTIONS FOR YOUR SCHOOL



info@esafrica.co.za  
www.esafrica.co.za

What is the impact of electricity consumption on your school - and on the environment?



ESAfrica is a leading Energy Services Company (ESCO) operating within the Sub-Saharan region. Not only does ESAfrica provide professional energy reduction solutions to its customers, it does so by providing measured cost avoidance information at the customers' finger tips. ESAfrica has a broad spectrum of clients that validates these results.



The country and the business community at large have experienced the wonderful reality of the reduced green energy cost opportunity. Photo Voltaic solar plants are proving to be a very reliable alternative green source of energy. This relates to a cheaper input energy cost to running your operations, as opposed to the existing council tariff. The sophisticated inverters are now also able to receive a reference voltage from your generator, or battery solution, and provide up to 70% of that sources power from your Photo Voltaic solar plant. This results in a large fuel save opportunity, as the reference point is substituted by the Photo Voltaic solar plant.

**"No more power outages - achieving security of energy supply"**

## SPECIAL SCHOOLS PROJECT

Learners will become GREEN AMBASSADORS, and through education continue as adults to apply green technology to enhance the sustainability of our valuable planet.

Please let us know how we can be of assistance to you in designing your own Photo Voltaic solar plant at  
info@esafrica.co.za



## Contents



### >> Technology feature

Sunward Park High wins Public Service Award ..... 4

### >> Education matters

A new way of learning language ..... 12

Enabling the change from Disabled to Abled ..... 18

### >> Back to school

Label your school items with My Tower Labels ..... 14

### >> Learners & teachers

KwaZulu Natal provincial performers awarded at prize giving..... 19

### >> Careers & training

Parent and Care-Giver Support Programme yields results in Early Childhood Development Sector..... 20

### Advertisers

**ES Africa**  
(IFC) Inside Front Cover

**Via Afrika**  
Centre Page Spread

**Freedom Stationery**  
(IBC) Inside Back Cover

**UC-Wireless Education**  
(OBC) Outside Back Cover

**SPHS**  
Page 3

**Macmillan**  
Page 7

**Eduboard**  
Page 9

**Tutorian**  
Page 12

**Global Education**  
Page 13

**Tower**  
Page 15

**Alt Africa**  
Page 16/17

### Our front cover

Snippets of some of our exciting and informative stories for this issue.





#### Publisher

Sunward Park High School  
P.O. Box 17233  
SUNWARD PARK, 1470

#### Branding

TheMightyPen.co.za

#### Editor

Janos Bozsik

#### Editorial panel

ASH Peens (Principal)

Mr. Enoch Thango (Deputy Principal & Head of SPHS E-Learning Project)

#### Contributors

- Ansie Peens – SPHS Principal
- Jackie Carroll – CEO of Media Works
- Pearl Mphuthi – FNB Fund Manager
- Mdebuka Mtwazi – Executive Director of Sikhula Sonke
- Belinda Germeshuizen – Macmillan Education
- Christina Watson – CEO of Via Afrika
- Photographic: Nirvana Skeepers & Laurence Keulder

#### Correspondence and enquiries

editor@themightypen.co.za  
082 940 3771

#### Advertising and publicity

marketing@themightypen.co.za

#### Production, design and layout

VLC WorX

#### Website

www.themightypen.co.za  
www.sphs.co.za

#### Copyright®

All rights reserved

## Editor's column

### Native advertising vs. Sponsored content

The issue of publishing content written by product experts who are employed by a specific company brand is a contentious topic. Especially in Business-to-Business magazines (including this very one), there is often a blurring of what used to be strictly defined as *editorial* and/or *advertorial*.

Editors are also readers and audience members, as well as consumers. I, for one, place great value on industry-specific magazines publishing content that is written by an expert source, rather than a second-hand rehash of research done by a journalist.

There is no need for “guilty” and appeasing labels on the page highlighting that an article is ADVERTORIAL – be it branded or not. Sure, it’s written by someone who has a certain brand loyalty and may even have a vested interest in selling a brand. But as long as it is not misleading or covert, such sponsored editorials are still very informative and accurate.

And so what if it also provides the reader with some purchasing options.

According to the Wikipedia definition, native advertising is a type of online advertising that matches the form and function of the platform on which it appears. **For example, an article written by an advertiser to promote their product, but using the same form as an article written by the editorial staff.** The word “native” refers to the content’s coherence with other media on the platform.

This is further differentiated in a blog on the subject by Jonathan Obar from Media Press Studios. He writes:

Can you tell the difference between native advertising and sponsored content? Did you know there was a difference? After all, websites across several industries mix up the terms as well.

If a large number of people are combining the two terms, why should it matter if they’re differentiated or not? It matters because they both have the potential for different strategies with two DIFFERENT revenue streams. That means more opportunities for advertisers to get their message out, and more ad packages to sell. So what’s the difference between these terms? Let’s break it down:

#### Native Advertising

If it’s promotional it’s an ad, and aimed to *convince* rather than inform the audience. Native advertisements blend with site content so as not to disrupt the user experience. Examples include:

- Advertorial – blogs and articles with a promotional tone, aimed to convince
- Content that links out to advertiser websites or content
- Videos and images that are biased towards a brand

#### Sponsored Content

This is strictly editorial. Sponsored content is not brand-biased and focuses on *informing* rather than convincing their target audience. The strategy behind this is to become a thought leader in the industry, and increase the value of the brand. If the audience goes to that company for advice, maybe they’ll buy their products as well.

[I’m not sure if sponsored content can ever be totally brand-unbiased, and that’s not a bad thing. Most of us use branding to differentiate, categorise and make value judgements.]

**Editor**

# SPHS Leaders in E-learning



Sunward Park High School

An E-learning ecosystem – the holistic solution

The gameification of learning & App development

Providing E-learning tools through supplier partnerships

Created 5 000+ E-lessons for the Matthew Goniwe School of Leadership

Sharing the vision of MEC Panyaza Lesufi: 1 learner – 1 tablet; 1 teacher – 1 laptop

Learn to earn & earn to learn – creating an internal economy through virtual banking

Redressing the inequalities in the education system by empowering over 120 000 learners



1<sup>st</sup> public school to go 100% digital

Blueprint E-learning school



Finalist in the 2015 United Nations Public Service Awards (UNPSA) for Improving the Delivery of Public Services



WINNER of the 2015 Centre for Public Service Innovation Awards (CPSI) for Innovative Use of ICT for Effective Service Delivery



SPHS E-learning project nominated for the African Association for Public Administration and Management Awards (AAPAM)



# Sunward Park High wins Public Service Award

By Janos Bozsik

(Photo credits: Nirvana Skeepers & Laurence Keulder)

Sunward Park High School (SPHS) in Boksburg was awarded first prize at the 13th Annual Centre for Public Service Innovation (CPSI) Public Sector Innovation Awards held at Emperor's Palace, Kempton Park in Johannesburg on 30 October. SPHS was the first public school in South Africa to fully migrate to e-learning and digital content three years ago.

The SPHS E-Learning Project won the award in the category of *Innovative Use of ICT for Effective Service Delivery* and the school has contributed to redressing the inequalities in the education system by empowering over 120 000 learners in Gauteng through the use of technology in the classroom.

Public Service and Administration Minister Ngoako Ramatlhodi said the ceremony provided an opportunity to illustrate the smartness, creativity and innovation found in the fabric of public service. "To me, all of you are heroes in that you have clearly demonstrated your commitment to helping us achieve our national priority of improving the livelihood of citizens."

The Minister called for inter-governmental relations to be strengthened to enable collaboration and similar service delivery at all spheres of government, from national, provincial to local and all other government institutions.

SPHS principal Ansie Peens accepted the award with humility and stressed the importance of education to alleviate the social ills of poverty, inequality and unemployment. "We share the vision of Education MEC, Mr Panyaza Lesufi, to have 1 learner – 1 tablet, 1 teacher – 1 laptop and 1 classroom – 1 smart board."

"The journey that brought us to the award," said Peens, "culminated in our e-lessons. We have developed over 5 000 e-lessons through the Matthew



Receiving the Award (from left) Principal Ansie Peens, Education MEC Panyaza Lesufi, Deputy Principal Enoch Thango and Public Service and Administration Minister Ngoako Ramatlhodi



Celebrating in style



A glittering event

Goniwe School of leadership and these are ready to be rolled out to all schools."

The awards were organised by CPSI, an institution in the Public Service and Administration portfolio established to identify, support, nurture, test and pilot innovative solutions in the public sector with a view to improve service delivery.



The SPHS e-learning team

They aim to promote and encourage best practices in the public sector innovation and celebrate the successes of individuals and teams at all spheres of government.

## Awards categories

- Innovative Partnerships in Service Delivery
- Innovative use of ICTs for Effective Service Delivery
- Innovative Service Delivery Institutions
- Innovative Enhancements of Internal Systems of Government



Thuli Radebe, Chief Executive Officer: Centre for Public Service Innovation said, "We keep preaching the gospel of public sector sharing of lessons in the context of life-long learning. This programme has become a critical contributor to the content for learning possibilities in the public sector for service delivery enhancement."

The SPHS E-Learning Project highlighted the point that delivering textbooks to schools is a logistical nightmare. Replacing the textbooks with E-books did not only solve the logistics but also provided a green footprint in content delivery.

Principal Peens emphasised the rationale behind the project and explained that "SPHS wanted to make a difference as South African education needs to change so that we can produce globally competitive and economically active citizens".

Ekurhuleni Metropolitan Municipality Mayor, Mr. Mondli Gungubele said Training should be given to public servants and they should be provided with necessary tools to carry out their work and enable collaboration and similar service delivery at all spheres of government, from national, provincial to local and all other government institutions.



Runners up in the category of Innovative use of ICTs for Effective Service Delivery included:

- MomConnect, which seeks to register all pregnant women to ensure that they visit an antenatal clinic. It provides them with information about pregnancy, birth, and infant care.
- 3rd Runner Up: Sci-Bono Science Centre.
- The Vula Mobile Application, which makes it easier for health-care workers in rural areas to carry out eye tests and connect with specialists and make referrals.
- The Tshwane Free WiFi Project, which strives to provide Internet access and Video-on-Demand services to the citizens of the City of Tshwane who cannot afford a traditional internet connection.

## What is the CPSI?

The Centre for Public Service Innovation (CPSI) was established in 2001 by the Minister for Public Service and administration. In 2008 it was re-launched as the first Government Component to be established in terms of the Public Service act as amended in 2007.

The CPSI facilitates unearthing, development and implementation of innovative ideas within and throughout the public service. It achieves this by facilitating pilot projects aimed at demonstrating the value of innovative solutions, and through activities that create an enabling environment within the public sector to support and sustain innovation. The CPSI's cross-sector reach makes it a resource for the whole of government, thus bridging institutional boundaries.

The CPSI has nominated the SPHS E-Learning Project to enter for the African Association for Public Administration and Management Awards (AAPAM). ▲



# Are dictionaries still relevant in schools?

Belinda Germeshuizen (Macmillan Education)

Along with the “digital age” came software which automatically assists users with document drafting. Your Word processor automatically indicates whether or not a word or phrase you have typed makes sense as far as spelling and grammar is concerned. It is a very useful tool, and this immediate feedback assists the writer with self-editing to a large extent. Manuscripts should theoretically reach a stage of “perfect” spelling and grammar fairly easily.

Therefore, with technology now being utilised in schools as part of day-to-day teaching and learner interaction, some people may believe that dictionaries have become obsolete. The Word processor will help you with spelling, while Google will assist you with definitions; what could be simpler?

One cannot argue that this is simple, but one needs to ask if “simple” is really acceptable as far as language proficiency is concerned. The truth is that spellcheckers have limited functionality. In various contexts, the spellchecker will overlook a mistake. Similarly, when you ask the spellchecker to recommend the correct spelling of the word, it may recommend a different word entirely. This happened to me recently. When compiling a job profile I meant to say that “experience within the education sector would be **advantageous**” while my spell checker recommended “adventitious”. I was in a rush so I didn’t notice this error. Fortunately, an editor did. This error would have made me look stupid, and who would want to work for a publisher who doesn’t even know the difference between “advantageous” and “adventitious”. This illustrates that spelling, and being able to spell without the assistance of a spell checker, is important.

In the example above, misspelling a word leads to a change in meaning. Technically my spelling was right but the sentence made no sense. This is another area where a dictionary is very useful because understanding the true meaning of a word helps to make writing more sensible and clear. Knowing the best or most appropriate word is important to convey meaning and tone, so one needs to know the definition of words to truly communicate proficiently.

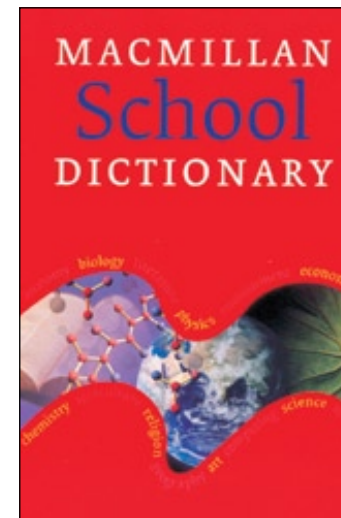
Furthermore, using a dictionary also allows learners to explore language. A lot of dictionaries recommend synonyms and antonyms of words children are looking up and thereby their language knowledge broadens through exposure. When looking up a word, they may find that a different, yet similar word may get their point across more eloquently. Without a dictionary the choice would not have been as readily available.

School dictionaries are also developed with learners in mind. A good school dictionary will define terms in an accessible manner while linking the use of this word to the learner’s different subjects. The use and definition of “interference” in an English essay will generally mean something completely different to “interference” in a Physics problem. A dictionary will clearly lay out these differences for learners. A good school dictionary will also have illustrations to give learners a visual example of a term. This is a very helpful feature when learners are exploring a concept out of their own context. Therefore the use of a dictionary helps to broaden their understanding across all school subjects.

Considering this, teachers and parents should encourage the use of dictionaries for all subjects across all grades. The use of a dictionary gives learners access to a large spectrum of knowledge which has been developed to truly explain all matters to them. A dictionary is a true learning tool.

There is a lecturer at The Wits School of Education who always tells me that the *Macmillan English Dictionary for Advanced Learners* helped her get her PHD. That is a quite a testament to how fundamental dictionaries are to sound academic results.

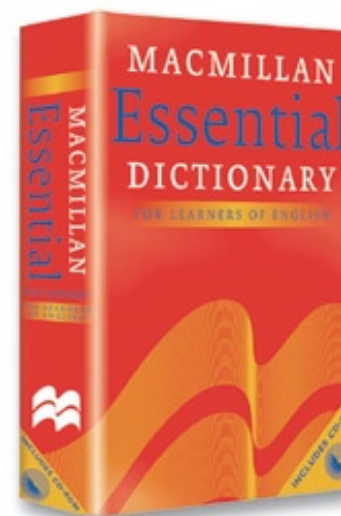
The key is to look at the range of dictionaries available and choose the one which is appropriate to your child’s needs. You will probably buy two or three dictionaries throughout your child’s school career, but it will certainly be an investment in their future. Don’t delay, get a dictionary today!



The **Macmillan School Dictionary** is a two-colour dictionary for intermediate and senior phase learners whose curriculum subjects are taught through the medium of English.

ISBN: 9781405013420

Level: Intermediate and Senior Phase



The **Chambers-Macmillan South African Senior Phase Dictionary** is the third dictionary in a series of English school dictionaries for learners in South Africa.

This dictionary is intended for all Senior Phase learners, with special attention paid to the needs of those learners for whom English is both an additional language and a language of learning.

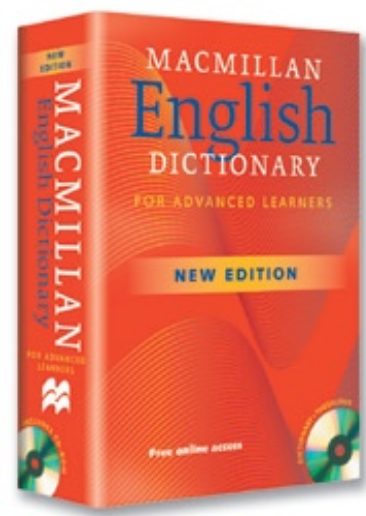
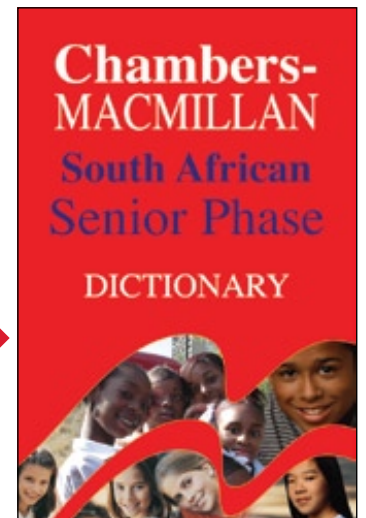
ISBN: 9780797826724

Level: Senior Phase

The **Macmillan Essential Dictionary** is intended for all learners of English, with special attention paid to the needs of those learners for whom English is both a second language and the language of learning.

ISBN (with CD): 9780230039483

Level: Senior Phase



The **Chambers-Macmillan South African Student’s Dictionary** has intensive step-by-step treatment of the most frequently used words in the English language. With 50 000 examples of real, everyday English from South African sources supported by the British National Corpus, and South African English content developed in association with the English Language Teaching Information Centre (ELTIC), it is essential for any learner.

ISBN: 9780797805477

Level: FET Phase

The second edition of the **Macmillan English Dictionary for Advanced Learners** now contains a wealth of new material, while building on the innovative features that won it two prestigious awards.

A key feature is that the most frequently used 7 500 words in English – the ideal vocabulary size for an advanced learner – are all printed in red, graded with stars, and explained with extra detail about how you should use them.

ISBN (paperback with CD):

9781405025263

Level: Grades 7–12



# VIA AFRIKA OFFERS TEACHERS A WIN-WIN IN DIGITAL EDUCATION UPSKILLING

Thanks to incredible innovations in recent years, technology is changing the landscape of South African education. Via Afrika, South Africa's leading educational publisher, has developed a range of training courses, specifically formulated to assist teachers to grow their knowledge, skills and confidence in the field of digital education. These courses will be offered within the Via Afrika Digital Education Academy. The courses are offered by Via Afrika in a partnership initiative with the Department of Basic Education.

Via Afrika has submitted the set of 36 two-hour sessions to the South African Council for Educators (SACE) for Professional Development (PD) Point Endorsement. To date, 12 two-hour sessions have been evaluated and each session has been assigned 5 PD Points. This means that teachers won't only gain invaluable knowledge and new skills – completing one of these 2-hour long sessions will mean they're able to add 5 points to their Professional Development Portfolios. We trust that all 36 sessions will receive this SACE endorsement.

“Like all professionals, teachers need to continually renew their commitment to their profession by learning and growing as individuals and educators, and the courses at our Via Afrika Digital Education Academy speak directly to that,” said Christina Watson, CEO of Via Afrika.

“eLearning is the future of education in South Africa, and everywhere, and we believe it will solve many of our issues. But, if teachers aren't adequately skilled in how to use these tools in the classroom, learners and teachers won't derive the incredible benefits that eLearning can ultimately impart. As our sessions are endorsed by SACE, teachers are able to add PD points to their portfolios and develop vital digital knowledge and skills – a win-win scenario for educators.”

Teachers needn't be concerned if they're not particularly technologically inclined to start off with as all the courses have beginner, intermediate and advanced levels, so there's no going in at the deep-end. Each of these levels is further broken down into three PD-point earning sessions.

The four courses on offer include: *Getting to know your Tablet Device*, which looks at everything from the very basics, such as tablet types, to what 'Open Source' is; *Social Media*, where teachers will find out what types of social media exist, all the way through to how to use various social media effectively in the classroom; *Google and Google Apps*, which is all about using the incredible suite of useful apps developed by Google and available for free; and *Digital Learning in Schools*, which covers subjects such as operating systems and how exactly to go about planning the implementation of technology at your school, in a way that works for all stakeholders.

Individual sessions can be completed in one of three ways: face-to-face at a venue, online via live webinar, or online by viewing recorded webinar sessions in your own time. Once a session and the assessment are completed, the details are submitted to SACE for the relevant PD points to be added to the teacher's portfolio, and the candidate is issued with a certificate by Via Afrika, along with a digital badge (for inclusion in online profiles).

All sessions are taught on android tablet devices and teachers should note that tablets are not provided by Via Afrika, they should have their own devices for the training sessions.

You can pre-register for any of the sessions at [vadta.viaafrika.com](http://vadta.viaafrika.com)



In partnership with the Department of Basic Education.



Our Teachers. Our Future.



for a truly **immersive**  
**learning experience**



## Providing the best in Educational Technology

Interactive Whiteboards • Data Projectors • Tablets • Professional Teaching Software  
Mobile Device Management Software • Tablet Classroom Management Software  
Student Response Systems • Whiteboards and Chalkboards • Board Resurfacing Materials  
Interactive MediaLab • Turnkey Installations • Training and Support

### ↓ | Contact Us

National: 086 111 4194 | [info@edu-board.co.za](mailto:info@edu-board.co.za)  
[www.edu-board.co.za](http://www.edu-board.co.za)

For enquiries in Gauteng & Northwest  
contact Estriwize (PTY) Ltd:  
Ph: 012 253 2469 | [info@estriwize.co.za](mailto:info@estriwize.co.za)





# VIA AFRIKA DIGITAL EDUCATION ACADEMY



**basic education**  
Department:  
Basic Education  
REPUBLIC OF SOUTH AFRICA

In partnership with the Department of Basic Education.



*Our Teachers. Our Future.*



## COURSE 1

### GETTING TO KNOW AND USE YOUR TABLET DEVICE

#### BEGINNER (OFFERED AS FACE-TO-FACE TRAINING ONLY)

SESSION 1: ALL ABOUT TABLET DEVICES	<b>5 PD POINTS</b>
SESSION 2: MAKING CONTACT WITH THE WORLD	<b>5 PD POINTS</b>
SESSION 3: MY TABLET DEVICE IS MINE!	<b>5 PD POINTS</b>

#### INTERMEDIATE

SESSION 1: THERE'S AN APP FOR THAT *
SESSION 2: FINDING IT ON THE INTERNET *
SESSION 3: MAKING THE TABLET DEVICE WORK FOR YOU – FILES *

#### ADVANCED

SESSION 1: MAKING THE TABLET DEVICE WORK FOR YOU – CALENDARS AND DATA MANAGEMENT *
SESSION 2: MAKING THE TABLET DEVICE WORK FOR YOU – eBooks AND eREADERS *
SESSION 3: TAKING THE TABLET TO SCHOOL *

## COURSE 3

### GOOGLE AND GOOGLE APPS

#### BEGINNER

SESSION 1: THE GOOGLE APPS PACKAGE AND GOOGLE DRIVE	<b>5 PD POINTS</b>
SESSION 2: GOOGLE DOCS	<b>5 PD POINTS</b>
SESSION 3: GOOGLE CALENDAR AND GOOGLE SLIDES	<b>5 PD POINTS</b>

#### INTERMEDIATE

SESSION 1: GOOGLE+ *
SESSION 2: GOOGLE HANGOUTS *
SESSION 3: CREATING MY OWN TEACHING AND LEARNING CONTENT *

#### ADVANCED

SESSION 1: GOOGLE APPS THAT WILL OPEN A NEW WORLD TO YOUR STUDENTS *
SESSION 2: STREAMLINE YOUR CLASS WITH GOOGLE FORMS *
SESSION 3: GOOGLE SHEETS *

## COURSE 2

### SOCIAL MEDIA

#### BEGINNER

SESSION 1: INTRODUCING SOCIAL MEDIA	<b>5 PD POINTS</b>
SESSION 2: CREATING YOUR SOCIAL MEDIA ACCOUNTS	<b>5 PD POINTS</b>
SESSION 3: A LOOK AT YOUTUBE	<b>5 PD POINTS</b>

#### INTERMEDIATE

SESSION 1: SOCIAL MEDIA IN THE CLASSROOM: USEFUL OR JUST FUN? *
SESSION 2: FACEBOOK IN THE CLASSROOM *
SESSION 3: TWITTER IN THE CLASSROOM *

#### ADVANCED

SESSION 1: YOUTUBE IN THE CLASSROOM *
SESSION 2: BLOGGING IN THE CLASSROOM *
SESSION 3: DON'T FORGET THE OTHER SOCIAL MEDIA *

## COURSE 4

### DIGITAL LEARNING IN SCHOOLS

#### BEGINNER

SESSION 1: WHY eLEARNING?	<b>5 PD POINTS</b>
SESSION 2: GETTING TECHNICAL	<b>5 PD POINTS</b>
SESSION 3: CONTENT FOR THE TABLET DEVICES	<b>5 PD POINTS</b>

#### INTERMEDIATE

SESSION 1: APPS FOR TEACHERS FOR DEMONSTRATIONS AND CONTENT CREATION *
SESSION 2: GAMES TEACH TOO *
SESSION 3: LEARNER MANAGEMENT SYSTEMS *

#### ADVANCED

SESSION 1: ONLINE ASSESSMENT TOOLS *
SESSION 2: THE GAMIFICATION OF EDUCATION *
SESSION 3: MANAGEMENT AND USAGE OF ICTs IN SCHOOLS *

For further information please visit our website [vadta.viaafrika.com](http://vadta.viaafrika.com)

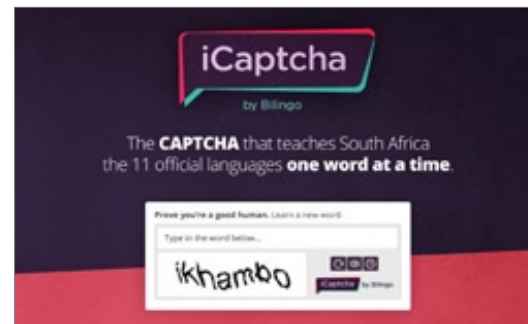
\* Awaiting accreditation from SACE



## A new way of learning language

In a multi-faceted country such as South Africa, language is still a major barrier for deeper integration. Whilst our 11 official languages make us beautifully diverse, the majority of South Africans are still unable to speak more than one or two.

It's estimated that it takes the average person 10 seconds to complete a 'CAPTCHA' and that worldwide, each day, 200 million CAPTCHAs are typed. A CAPTCHA (Completely Automated Public Turing test to tell Computers and Humans Apart) is a challenge-response test to determine whether or not a user is human.



With the great volume of CAPTCHAs typed each day, NATIVE VML saw an opportunity to put CAPTCHA to better use and transform it to a teaching platform that incorporates South Africa's 11 official languages. Partnering with Bilingo, a free multilingual online dictionary, NATIVE VML created iCAPTCHA: a simple teaching solution combining the power of CAPTCHA and Bilingo.

iCAPTCHA makes learning a new word quick and easy: see the word, hear it, and type it back. And if people want to learn more, or know a word already, they can simply try another one. The core purpose of this new development is to begin to teach people in a way that is familiar and does not overwhelm them.

The software is open-source and is easy to install. Site developers can go to the iCAPTCHA site to learn how.

And those without their own websites can share it, ensuring that iCAPTCHA becomes the number one CAPTCHA service in South Africa – bridging the gap between South Africans, one word at a time. ▲



# Tutorian

**5 DAY COURSE FOR  
THE MEDICAL ADMINISTRATOR  
AND/OR RECEPTIONIST  
IN THE HEALTHCARE  
ENVIRONMENT**

**SKILLS DEVELOPMENT  
FOR THE BUSINESS  
ENVIRONMENT**

**FOR MORE INFORMATION  
CONTACT US ON**  
[info.mtworx@gmail.com](mailto:info.mtworx@gmail.com)  
 082 927 6757  
[www.tutorian.co.za](http://www.tutorian.co.za)



## Want to Study Overseas?

**UK, USA, AUS, China,  
Canada & New Zealand**

**Enrolments for 2016 available**  
**Authorised representative**  
**with 9 years' experience,**  
**we are the professionals!**

## JOHANNESBURG

158 Jan Smuts Building, Office 25, 3rd Floor,  
9 Walters Avenue, Rosebank

T +27 11 447 4299 | +27 11 447 4358

C +27 79 964 8353

E [info@global-education.co.za](mailto:info@global-education.co.za)

[www.globaleducation.co.za](http://www.globaleducation.co.za)

**'We are a UCAS centre for UK applications'**





## Label your school items with My Tower Labels

It's nearing the end of the year which means 2016 Back to School will soon be upon us. That wonderful time when labelling everything in sight takes priority on your holiday to do list. It's true. Don't be shocked, when at the school's request, you find yourself labelling every single pencil. Every marker. Every glue stick. Oh. And don't forget the sports kit, backpack, hoodie and lunchbox. Not to mention the scissors, coloured pencils, water bottle and calculator!

All this effort to ultimately prevent school supplies getting lost every year or property mix-ups with other kids at school.

Make your life easier with My Tower Labels voucher packs. First purchase a voucher pack from your nearest Makro or participating stationer. Then visit [mytowerlabels.com](http://mytowerlabels.com) to personalise your labels and lastly receive 270 pre-printed labels via registered mail within two weeks.

The My Tower Labels personalised label pack contains book, stationery, wrap-around, mini, shoe and clothing (iron-on) labels to meet all your scholastic labelling needs. These labels are smudge and scuff proof, dishwasher safe and have a strong adhesive.

Avoid the lost and found box or worse, another round of expensive stationery, with My Tower Labels!



**Note:** This product is also available direct to schools or through the school's preferred supplier, for more information contact Tower.

**Tower Helpline: 0800 220 5488**

### Ensure you get the best results by correctly applying your Tower Labels!

#### Book Labels

Apply to a clean dry surface for best results, allowing a few minutes for a permanent bond to form.

#### Stationery and Mini Labels

Apply to a clean and dry surface for best results. Suitable for your stationery, sporting and associated school items. These labels are dishwasher safe.

#### Wrap-around Labels



Apply the white printed section to your writing instruments with your name running down the item. Wrap the label around the item. Try to keep the label straight so that the clear section covers the white printed section properly.

#### Shoe Labels

Ensure that the application area inside the shoe is clean and dry. Apply the clear label shield to your shoe label before the shoe label is removed from its backing. Then peel and apply the two labels combined into the shoe.

#### Shoe Shields

These are clear round labels in your pack that are designed to protect your shoe labels.

#### Iron-on Labels

These labels are supplied as a strip and can be cut off as needed.

1. Set your iron to dry mode and the temperature to between 140 to 170 degrees C. If your iron has a cotton mode this should result in the same temperature.
2. Please use the supplied blank labels on a waste piece of material to test the iron settings are correct.
3. Using a firm flat surface, position your iron-on label on the garment you wish to label and place a thin pressing cloth over the label.
4. Using your iron, apply light pressure to the label area for +- 30 seconds. Ensure the iron is kept stationary.
5. Allow the label to cool and repeat 2 more times.

## label your school items as easily as



Put a  
stop  
to lost  
property



Receive 270 personalised labels:



Contents of Delivered Pack	Size	Units
Book Labels	35mm X 70mm	48
Stationery Labels	13mm X 50mm	50
Wrap around Labels	50mm X 32mm	60
Mini Labels	13mm X 19mm	50
Clothing(iron-on) Labels	10mm X 50mm	50
Shoe Labels (12 shields included)	40mm dia	12
<b>Total:</b>		<b>270</b>

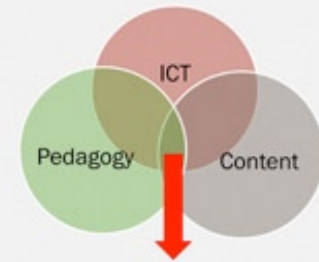




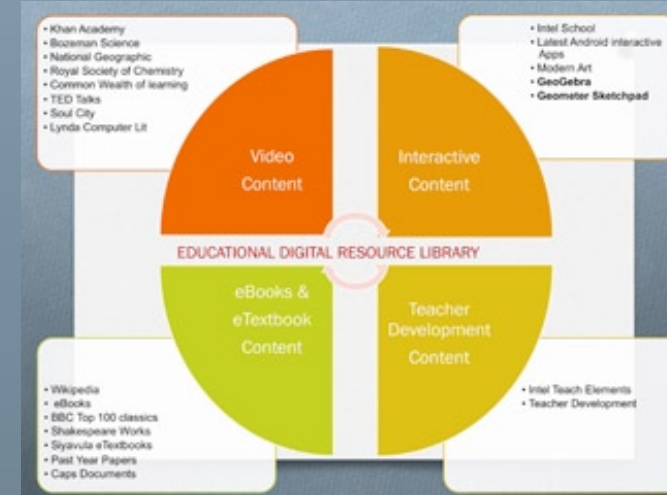
## ALT 21<sup>st</sup> Century iSchool



## eLearning Integration



ALT AFRICA's HOLISTIC BLENDED LEARNING SOLUTION



## Total ICT Infrastructure Key steps to success



## eLearning Holistic Solution



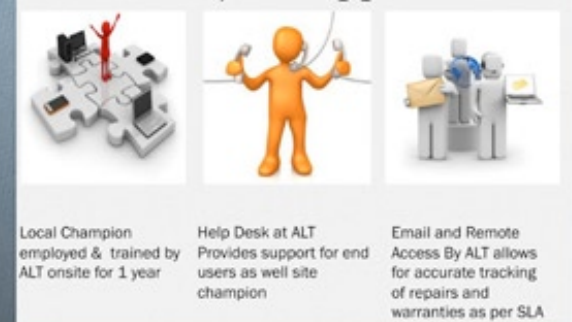
## eReadiness Program



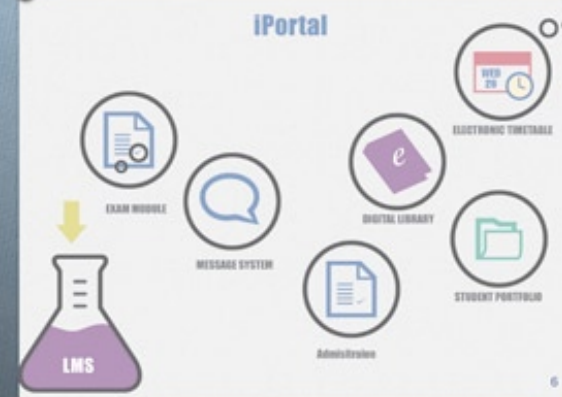
## Configuration Management



## Project Support



## Teacher Development & Training



## Project Roll Out Plan



## Road Map for School





## Enabling the change from Disabled to Abled

World Retina Week was held in September this year and it is commemorated to raise awareness on retinitis pigmentosa (RP), macular degeneration (MD) and Usher syndrome (US) as the most common retinal degenerative diseases which affect hundreds of thousands of South Africans and millions worldwide. Retinal degeneration affects people from all racial and socio-economic groups. With the total population of South Africa exceeding 50 million, the population under 35 is 30.9 million. 2.7% of these have a disability, and of those, visual disability is the largest group.

South Africans with sight challenges are unable to develop basic literacy and mathematical skills, which means that their social and economic lives are hugely limited. Determined to eliminate illiteracy, Media Works, pioneers in Adult Education and Training, have developed revolutionary interactive learning materials for adults with sight impairments.

One of these products is the custom-made Braillette Board, a simple device that is used to teach the rudiments of braille to blind adults and children. The only one of its kind in South Africa, the metal board has 120 braille cells drilled into it. Each cell consists of six holes, which simulate the format of the six dots of a braille cell. Round-headed metal pins are inserted into the cells to form braille characters. Learners are encouraged to use both their hands - one to find the holes and the other to insert or read the rivets correctly. The teacher can set up newly learnt braille signs on the board for the student to identify. It is especially useful to help in developing a sense of touch before transferring to braille written on paper or in books. The Braillette Board is a cost-effective alternative to the Perkins Brailier.

Due to a lack of qualified teachers for the disabled, technology plays a prominent role in getting education to the disabled. The Media Works technology-based People With Disabilities (PWD) programmes offers these individuals the



opportunity to achieve economic freedom and improved self-reliance through education, which leads to employment. The PWD material enables blind learners to progress to NQF Level 1, the basis for further education and employment. "The Braille materials that we developed were the first of its kind globally to comply with the Unified English Braille Code (UEBC) standard," said Jackie Carroll, CEO of Media Works.

The PWD material for the blind is self-paced. Audio lessons are combined with learner's material and facilitator interaction, which increases engagement and understanding. The facilitator's material is available in both text and Braille. Material for the partially sighted includes workbooks with increased font sizes and the elimination of graphics that cause grey scale blurring.

These learning materials break down the barriers to education, making the disabled employable, determined and positive. "If your organisation is truly committed to changing lives through creating opportunities, consider PWD as a viable economic option for job vacancies. We've opened your eyes to the possibilities!" concluded Carroll.

For more information on Media Works quality teaching and learning material, please visit [www.mediaworks.co.za](http://www.mediaworks.co.za) or call 011 209 0900. ▲

## KwaZulu Natal provincial performers awarded at prize giving

The KwaZulu Natal provincial prize giving of the South African Mathematics Olympiad (SAMO) was hosted at the St. Henry's Marist Brothers College on the 23rd of October 2015. This year 82 164 learners from 1 039 schools participated in the first round of the Olympiad. Learners who have done well in the 2nd round of the SAMO were awarded at respective schools across the country.

A total of 2877 learners from 114 schools in the KwaZulu Natal participated in the 2nd round of the SAMO. The top junior (grade 8-9) and the top senior (grade 10 to 12) second round participants per province are acknowledged as the provincial winners. The provincial winners of KwaZulu Natal are Glenda Watt (Durban Girls' College), Darshen Moodley (Star College), Noah Atkins (St Henry's Marist Brothers College), Keshalin Govender (Star College), Bilal Aslan (Star College), Estelle Pretorius (Domino Servite), Kayrav Naidoo (Crawford College La Lucia), Aaron Naidu (St Henry's Marist Brothers College) and Francis Moran (Glenwood High School).

The senior winner of KwaZulu Natal is Glenda Watt who was also part of the Pan African Mathematics Olympiad (PAMO) team which represented South Africa in Nigeria this year. She has her heart set on studying medicine or something in that field in the near future. "There is always more to learn and interesting ways to apply your knowledge," explains the 17 year old winner. Aaron Naidu was recently selected as the overall winner of the SAMO junior division.

SAMO is an initiative of the South African Mathematics Foundation (SAMF) and is sponsored by Liberty and the South African Institute of Chartered Accountants (SAICA).

Professor Johann Engelbrecht, Executive Director of the South African Mathematics Foundation (SAMF) encourages learners to participate in the SAMO. "Not only does the SAMO identify mathematical ability, it also prepares a learner for tertiary education. Only a few will become national or provincial medallists, but thousands of others will benefit from the experience of participating in the South African Mathematics Olympiad", he said.



Front row: Bilal Aslan (Star College), Francis Moran (Glenwood High School), Kayrav Naidoo (Crawford College La Lucia), Aaron Naidu (St Henry's Marist Brothers College), Estelle Pretorius (Domino Servite). Back Row: Glenda Watt (Durban Girls' College), Noah Atkins (St Henry's Marist Brothers College), Darshen Moodley (Star College)

"We would like to congratulate the learners from the KwaZulu Natal province who have excelled in this competition. Liberty is committed to creating a culture of excellence amongst learners; the SAMO is a way of encouraging them to push themselves beyond their boundaries.

As part of our long standing commitment to



Left: Kayrav Naidoo (Crawford College La Lucia), Aaron Naidu (St Henry's Marist Brothers College)

education, we would like to see the competition grow and for it to spread to more communities, especially areas where students have not had access to such in the past. We are looking forward to further growth and development in the SAMO for the years to come," said Joe Mwase, Divisional Director of Corporate Affairs at Liberty.

Nwabisa Mphakalasi, Project Director for Marketing at the South African Institute of Chartered Accountants, congratulates all the winners that took part in the Olympiad. "As an institute we are proud of all learners who took part in the South African Mathematics Olympiad and are proud to be part of a competition that contributes the promotion of mathematics in our country. We hope that many more schools will take part next year and the years to come."

Registration for the 2016 SAMO opens in January. For more information please call the SAMF office at 012 392 9362 or send an e-mail to [info@samf.ac.za](mailto:info@samf.ac.za). ▲



## Parent and Care-Giver Support Programme yields results in **Early Childhood Development Sector**

Nurturing and supportive parenting during the first years of a child's life has positive effects on the child's social, emotional and intellectual development, however most families under stress often struggle to provide this. Sikhula Sonke in Khayelitsha provides a quality programme, The Family and Community Motivators Programme, to support parents and primary caregivers to help young children achieve their potential during their Early Childhood Development (ECD) years.

**P**earl Mphuthi, FNB Fund Manager says, "The FNB Fund along with Sikhula Sonke recognizes that many parents and care-givers struggle to give their children the support and guidance needed to get them through their ECD years. Programmes that support parents and care-givers are vital if South Africa's youth are to achieve their full potential."

Mdebuka Mtwazi, Executive Director of Sikhula Sonke says, "The implementation of this programme is driven by the need to support vulnerable children and families in the communities that it serves. The organisation believes that all caregivers and parents should be informed, involved and supported in nurturing and enhancing the physical, cognitive, social and emotional development of their children." It is for that reason that we commend and applaud these caregivers for the role that they play in the development of their own children despite all the complex societal problems that they are facing every day. FNB is a crucial partner in this intervention as it provides resources for the implementation programme at each household.

The programme provides a primary level of intervention for care and support for the family at a household level. It is estimated that 50% of young children's early childhood care and development interventions take place at home, through the efforts of parents, extended family members, older siblings and other caregivers.

"At this level, the following needs of young children should be met: psycho-social care and support, adequate food and good nutrition, breastfeeding, opportunities for socialisation, safe housing, safe water, good hygiene, birth registration, stimulation and play," says Mtwazi.



**Sikhula Sonke's Family and Community Motivators Programme supports parents and primary caregivers to help young children achieve their potential during their Early Childhood Development (ECD) years**



**Pearl Mphuthi, FNB Fund Manager**

The year-long programme was developed as a means of reaching out to the high numbers of young children in informal settlements and townships who were not accessing any form of ECD service. The keystone of the programme is the vitally important role of the home and family in the growth and development of a child.

Mtwazi says that to date, the programme has had an impact on 348 households and 430 children.

"We believe that programmes such as these are vital if young South Africans are to achieve their full potential. Sikhula Sonke's Family and Community Motivators Programme is an essential part in the lives of the children that participate, as a child who has been properly prepared for life is socially and emotionally healthy, confident and friendly," concludes Mphuthi. ▲

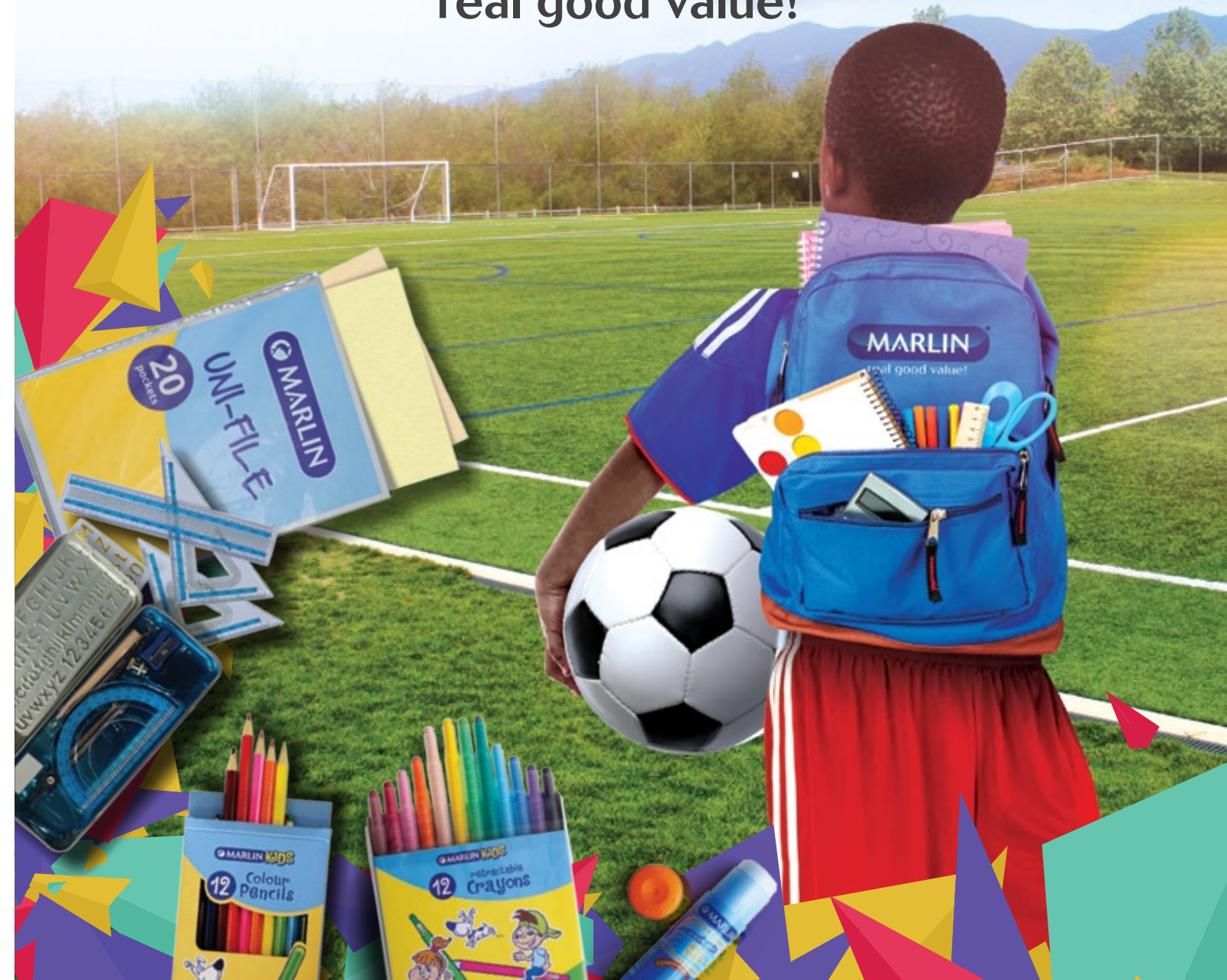


**Social and emotional skills need to be taught from an early age**



# MARLIN®

real good value!



### MARLIN BELIEVES IN PLAYING HARD AND WORKING HARD.

THAT'S WHY WHEN IT COMES TO EDUCATION, THERE CAN BE NO COMPROMISE ON QUALITY.

MARLIN PRODUCTS ARE DESIGNED TO BE RELIABLE AND DEPENDABLE, ENSURING THAT LEARNERS GET THE BEST POSSIBLE ASSISTANCE WHEN IT COMES TO THEIR GROWTH AT SCHOOL.

MARLIN - REAL GOOD VALUE



The future of education ...



Considering e-Learning ?

## Smart Wi-Fi

The first critical step to any e-Learning solution



### DYNAMIC BEAM FORMING

Adaptive Intelligent Beam-Steering  
Interference Rejecting Smart Antenna



### QUALITY OF SERVICE

Precision Per-User Video/Data  
quality of service.



### MESHING

Self-provisioning, self-optimizing  
high speed Wireless Backbone.



### SECURITY

Patented Advanced Per-User Security

- Enterprise-Grade High Density Wi-Fi
- 100% reliable for multiple concurrent connections
- Tried and tested for education globally
- B.Y.O.D. fully supported and compatible with any e-Learning solution
- Professional, prompt and efficient installation
- Support & training provided for simple, seamless configuration

Contact Quentin

Jhb Office: 011 452 6633

CT Office: 021 939 1542

Email: [education@uc-wireless.com](mailto:education@uc-wireless.com)

Website: [www.uc-wireless.com](http://www.uc-wireless.com)

