

Editorial

How schools can prepare students for jobs that don't exist yet

According to Microsoft research, ... , by 2030 up to 375 million people will need to switch from the work they are doing today.

That means all students need to be future-ready, equipped with both traditional numeracy and literacy capability, as well as STEM and computer science skills.

According to a British Council report released earlier this year, STEM (Science, Technology, Engineering and Mathematics) skills will underpin future success and competitiveness – regardless of industry – because future jobs will require flexible and self-motivated individuals rather than just technical skills.

“But, education relies on digital transformation to impact and change the way in which students learn, said Charlene Verzmoter, Philanthropies Lead at Microsoft. “It’s important that students today are well-versed when it comes to technology and can use it to the best of their advantage.”

Gamification

Gaming is a popular way for teachers to encourage student engagement while being used as an effective way of teaching computer science in schools. For example, Microsoft MakeCode brings computer science to life for all students with fun projects, immediate results, and both block and text editors for learners at different levels.

The real value in learning computer science and playing games like MakeCode is not in the act of coding itself but in building students’ ability to be creative, resilient and collaborative, skills they will need to succeed in the modern workforce.

Helping more students learn computer science is crucial to filling the jobs of tomorrow. Technology companies like Microsoft have a responsibility to partner with the public sector to help schools close the computer science gap. That’s why Microsoft partners with non-profit organisations across the Middle East and Africa, to bring digital skills and computer science education to young people in the region.

On a global level, Microsoft partners with Code.org to host the Hour of Code campaign each year, to provide opportunities for youth to experience coding for the first time using Minecraft Hour of Code or MakeCode tutorials. This year, Microsoft has once again partnered with Code.org to offer a new Minecraft Hour of Code tutorial this Computer Science Education Week called, Voyage Aquatic, which helps students learn to code in a fun and interactive way. For communities with little access to the internet, these Hour of Code tutorials are available to download and install for offline use.

Microsoft has also just announced a new multi-million recommitment, over three years, to help Code.org continue to pursue its mission and expand access to computer science for more students.

Artificial intelligence (AI) for accessibility

The AI revolution has begun in Africa, and it’s going to empower and enable schools and teachers to do more than ever before. Applications contained in Office 365, for example, are utilising the power of Microsoft’s intelligent cloud while drawing on AI to help teachers improve learning outcomes.

Mixed Reality

Mixed Reality, which is the combination of Augmented Reality and Virtual Reality, enables students to experience curriculum in completely new ways, and to immerse themselves in the learning in a way that brings the content closer than ever before. For example, HoloTour, which is included in the Windows Mixed Reality stack, allows learners to explore the history of Rome or uncover the hidden secrets of Machu Picchu. Similarly, Masterpiece VR offers learners the chance to sculpt and paint using intuitive and dynamic feature

Technology is set to be an ever-growing part of the future.

Equipping students with richly featured technology and providing teachers with proven digital platforms and access to adaptive assessment tools gives schools the opportunity to ensure every child reaches their full potential, Microsoft said.

Acknowledgment to BusinessTech staff writer, 29 December 2018

Submitted by Pam Munday

WYNPRESS

The Rotary Club of

Wynberg



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Editorial Board

Barry Cleveland, Lina Howard, Stephanie Thomas, Hugh Maunder, Stephen Bredenkamp

April in Rotary

Maternal and Child Health

Wynberg Rotary meet every Thursday,

6 for 6.30pm,

Palm House, Wynberg.

For more information about our club, like us on Facebook or visit our website:

Wynbergrotary.org.za



BE THE INSPIRATION

Minutes: 28 March 2019

Compiled by S Bredenkamp

Attendance

14 members present = 53,8%,
Guests: Sara Naidoo
Speakers: Taryn Jurgens, Sam Stodel and Jon Monsoon

Fellowship

Val Cleveland's birthday on 30th March
Philip Munday's birthday on 1st April
Happy birthday to both.

Slots

Monique: President Keela's Induction on Saturday 25th May
StephenB: Stacy will be leading the MOT project, Biffy will be leading the Community Medics project. **Both Stacy and Biffy need team members!**
Keela: Does anyone need a new badge? About to order for Armien.
Keela: Membership books are ready.
Stacy: Plumstead Interact is having an Easter Egg drive. Please drop extra Easter eggs with Stacy for delivery.
String: Back on Palm House liaison duty.
Sarge David: a number of very fishy tales.....

Speakers

Taryn Jurgens, Sam Stodel and Jon Monsoon from Aid4Aid (Aid for Animals in Distress):
Facebook: <https://www.facebook.com/aid4animalsindistress/>
Aid4Aid is an NPO established in 2016, made up of a group of 12 core members, all volunteers. Its core mission is to 'Rescue, rehabilitate and rehome' animals in distress (including wild-life: spiders, snakes, etc). It also educates community members on petcare.
All pets rescued are checked by a vet, sterilized, etc. They are then fostered until a suitable home for adoption is found.
Money is raised through adoptions (though less than half the cost) and through general community hustling (e.g. quiz nights). NO government funding is received. The vet bill alone can be upwards of R37k per month!
The speakers were introduced and thanked by Stacy, a foster 'mother'.

Swindle

A jackpot of R1225, all to play for, and Monique drew **The 3 of Hearts!** Pity she needed to draw the Queen of Spades.
StephenB won the attendance prize of R20.
A handful of coppers was left behind for luck!

President's quote

From Alan 'If you can't explain it simply, you don't understand it well enough.'
David beat the rest of us with 'Albert Einstein'.

Rotary International - District 9350

Angola - Namibia - South Africa



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Will we see you in Somerset West



Somerset West
Conference 2019



Duty Roster	April		April	
	4 Club Meeting	11	18 No Meeting	25
Sergeant	Overbosch	Cleveland		Todd
Wynpress Editorial	Murphy	O'Driscoll		Schonegevel R
Wynpress Minutes	Cleveland	Maunder		Thomas
Door Duty	Schonegevel R	Thomas		Van Niekerk
Grace	Bonga	Dietrich		Howard
Loyal Toast	Dietrich	Gowdy		Jackson
International Toast	Howard	Jackson		Maunder
Speaker Intro and Thanks	N/A	Cleveland		
Entertainment for the month	Van Niekerk K, Cleveland, Dietrich, Munday, Schonegevel J			

Dates To Diarise

4 April	Club meeting: Proms 2019 feedback and other matters
11 April	Life coach, Rex Hillier on 'Addictions'
18 April	No Meeting: Tomorrow is Good Friday
25 April	Social – Quiz Night at Jack Black in aid of Aid4Aid (Keela / Stacy)
2-5 May	PETS / District Conference: Lord Charles Hotel
25 May (Saturday morning)	Induction of President Keela

The Rotary Club of Wynberg donated R5,000 to the Cyclone Idai Relief Fund, and thanks all other donors to this worthy cause.

Tailpiece

Now I can identify totally with these.....

**I want to
grow my own food.
But I can't find any
Bacon seeds.**

I'd love to take you out
for coffee this week.

You spelled
wine wrong.

And for all those
amongst us who
keep waiting for
the 'right time'
before doing
anything:-



Rotary



Club of Wynberg