

Calling all teachers
YOU ARE INVITED

WCED Classroom
of the Future Indaba

Reimagining Education in the Fourth Industrial
Revolution by harnessing 21st Century Skills.

1 & 2 March 2019



REIMAGINING EDUCATION IN THE FOURTH INDUSTRIAL REVOLUTION BY HARNESSING 21ST CENTURY SKILLS - Our Challenge: Do we need to change the way we teach? How do we make 21st Century Skills a key priority in our schools?

Back by popular demand, you are invited to the second annual **CLASSROOM OF THE FUTURE INDABA** at the Cape Town Science Centre. There is no charge for teachers to attend - Yes! It is all free once again - MAHALA at this INDABA for teachers. Teachers are invited from all grades and from all schools in the Western Cape.

What is this event all about?

Embracing technology is no longer seen as a nice to have, but a necessity. Empowering teachers and students in the classroom, applying technology in new ways enables behavioural shift and inspires improved learning outcomes. Leaders in educational technology, Microsoft along with other organisations, will be on hand to present their technologies via workshops, presentations, and demonstrations for all teachers.

Join us and be inspired. Not only inspired, but come to better understand how technology can work for you in your classroom.

Some good stuff...

A **LUCKY DRAW** for a R3,000 voucher from Incredible Connection for a teacher attending both days and present at the draw on Saturday. There will also be other spot prizes will be given out during the Indaba. Light refreshments will be available on both days.

PROGRAMME OUTLINE:

FRIDAY PROGRAMME:

13:30 – 14:00 Arrival & Refreshments

14:00 – 14:30 Keynote Address – Ronelle Klink

Modern teaching and learning make the most of new and immersive ways to explore the curriculum. It nurtures a growth mindset in learners, emphasising future-ready skills to help them thrive in jobs not yet invented. It's unafraid to use new technologies and new forms of assessment to gauge learner progress. Re-imagining education in the 4IR, requires examining what transformation should include. "*... We need to inspire learners to embrace a limitless future and to see their learning as purposeful to what they can make and do.*" Anthony Salcito – Vice President of Worldwide Education, Microsoft

A bit about Ronelle:

Ronelle's involvement in education and teacher training started over 19 years ago. The passion for education has afforded her opportunities to work in schools, higher education institutions and adult education. Ronelle's topic, Augmented Reality in the classroom was a passion project for her Masters in ICT. She believes that through emerging technologies such as AR, AI and machine learning, we can revolutionise the

education landscape in South Africa. Ronelle is committed to the continuous professional development of teachers and the successful integration of ICT in the learning environment. Ronelle started as a Learning Consultant at Microsoft in November 2016 and since April 2018 has taken on the position of Teacher Engagement Manager.

14:30 – 16:00 Rotational Workshops

ROTATIONAL WORKSHOPS			
Time	Multimedia Room	Explorolab 1	Explorolab 2
14:30 – 15:00	Computers4Kids - Mitch Pengelly See how Minecraft Education Edition can be used as a valuable education tool which can be integrated across the curriculum in exciting ways. Debunk the myth that Minecraft is not about coding.	IT Integrator at Wynberg Girls' Junior - Gizelle Simpson Does a Nation become stronger when tested? See how this project using O365 tools won her a trip to the Microsoft Global E2 Summit in Paris in April 2019.	Head of E-Learning at Boston Primary School - Taahirah Solomon Can we create a sustainable city on the planet Kepler186F? See how she uses Minecraft Education Edition as part of an integrated project to ignite and inspire grade 6 learners at her school.
15:05 – 15:35	Computers4Kids - Mitch Pengelly See how Minecraft Education Edition can be used as a valuable education tool which can be integrated across the curriculum in exciting ways. Debunk the myth that Minecraft is not about coding.	IT Integrator at Wynberg Girls' Junior - Gizelle Simpson Does a Nation become stronger when tested? See how this project using O365 tools won her a trip to the Microsoft Global E2 Summit in Paris in April 2019.	Head of E-Learning at Boston Primary School - Taahirah Solomon Can we create a sustainable city on the planet Kepler186F? See how she uses Minecraft Education Edition as part of an integrated project to ignite and inspire grade 6 learners at her school.
15:40 – 16:10	Computers4Kids - Mitch Pengelly See how Minecraft Education Edition can be used as a valuable education tool which can be integrated across the curriculum in exciting ways. Debunk the myth that Minecraft is not about coding.	IT Integrator at Wynberg Girls' Junior - Gizelle Simpson Does a Nation become stronger when tested? See how this project using O365 tools won her a trip to the Microsoft Global E2 Summit in Paris in April 2019.	Head of E-Learning at Boston Primary School - Taahirah Solomon Can we create a sustainable city on the planet Kepler186F? See how she uses Minecraft Education Edition as part of an integrated project to ignite and inspire grade 6 learners at her school.

SATURDAY PROGRAMME:

Time			
09:30	Arrival and Registration		
10:00 – 11:00	PANEL DISCUSSION <i>Every economy in the world depends on a workforce that is equipped for our rapidly changing world. The World Economic Forum states "Education is our deepest source of hope – we must plant the seeds now for a better future tomorrow" Besides the digital skills required for the future workforce, what other skills will be required by the Class of 2030.</i> ON THE PANEL: Dr Cherise Dunn (Director and co-founder, South Africa Makes, Elsabe Hart (Microsoft Learning Delivery Specialist), Charmaine Cowell (Education Consultant) and Henk Arangies (Principal of Eversdal Laerskool)		SAP Auditorium
11:00 – 11:15	Bryan Banfield - Artibeus IT Support What infrastructure (Wi-Fi & hardware) does a school need to start using O365 for Education? Setting up O365 on school networks, set-up costs and licencing information.		SAP Auditorium
11:15 – 11:30	Time to explore the Cape Town Science Centre		
	Multimedia Room	Explorolab 1	Explorolab 2
11:30 – 12:15	Elsabe Hart - Microsoft Learning Delivery Specialist Revolutionise teaching and unlock limitless	Charmaine Cowell - EduPaths Presentation Tools That Rock! Experience how free O365 presentation	Gys Burger - Eversdal Primary School What is Microsoft SharePoint? How to use its features for Curriculum Management.

	learning with O365 for Education. A look at free Modern Classroom Tools to use in a digital classroom across platforms and devices.	and collaboration tools can enhance teaching and engage learners in exciting ways. Easy to use tools which you can start using right away.	
12:20 – 13:00	Elsabe Hart - Microsoft Learning Delivery Specialist Revolutionise your teaching and inspire learning with O365 for Education. A look at free Modern Classroom Tools to use in a digital classroom across platforms and devices.	Charmaine Cowell - EduPaths #Presentation Tools That Rock! Experience how free O365 presentation and collaboration tools can enhance teaching and engage learners in exciting ways. Easy to use tools which you can start using right away.	Arno Pienaar - Eversdal Primary School How to deploy and implement Microsoft One Note in a school environment. See how Eversdal Primary School has digitised their curriculum to enable collaboration and deep learning.

ALL BOOKINGS

021 300 3200 | info@ctsc.org.za – Please make your booking early to avoid disappointment.

PLEASE NOTE:

- All teachers attending events at the Cape Town Science Centre (CTSC) will receive a Teacher Pass which gives you **FREE access** to the CTSC for the whole year.
- There is **NO FEE** to attend any of these events and bookings are on a first come first served basis.
- Resources will be available for you to take back to your school.
- Light refreshments will be served at all events.

We look forward to supporting you in 2019 and building a community of STEMI teachers in the Western Cape.
#MyCTSC

With sincere thanks to the Western Cape Education Department, Microsoft, EduPaths, Computers for Kids for supporting these events!

Real HEROES don't wear capes. THEY TEACH!

