

AFRICA CODE WEEK

FREE ENTRY

21 OCTOBER 2017

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PROGRAMME

Free entry to the CTSC for the entire day - includes all exhibits, hands-on workshops, shows, tours and demonstrations. Human Gyroscope and Centripetal Swing rides charged at R5 per 3 minutes. All workshops and activities are first-come-first-served unless otherwise stated next to the activity. Please register from those workshop at the front desk.

10:00	Making movies using Scratch by Taryn Basel (Ages 12+, max 100 ppl) – SAP Auditorium Join Taryn's journey learning how to make movies using the Scratch software and gain DIY tools & skill.
10:00	Code your realm in Minecraft workshop (Ages 8+, max 22 ppl - Register on arrival) – Multimedia Room Incorporating Scratch, build your own empire using Minecraft.
10:00	Camera Obscura Tour (All ages, max 30 ppl)
11:00	Binary Basics Workshop (All ages, max 30 ppl - Register on arrival) Get creative using binary code to make a bracelet using your name.
11:00	Code your realm in Minecraft workshop (Ages 8+, max 22 ppl - Register on arrival) Incorporating Scratch, build your own empire using Minecraft.
11:30	HEDY! The Life & Inventions of Hedy Lamarr (Ages 12+, max 100 ppl) – SAP Auditorium Hedy Lamarr, the glamorous siren of the silver screen, was more than the most beautiful woman in the world. She invented frequency hopping and spread spectrum technology that make the world of wireless communication tick. From Austria to Hollywood, WWII, torpedoes, ecstasy, and intrigue to the very cell phone in your pocket, she was there! Join us for the snippets of this recently performed show by Heather Massie.
12:00	Coding Workshop using Basic Scratch (Ages 8 - 12, max 22 ppl - Register on arrival) Learn how to code using Scratch software
12:00	Planetarium Show (All ages, max 30 ppl)
12:00	Camera Obscura Tour (All ages, max 30 ppl)
12:30	Games Room (Ages 6+, max 30 ppl - Register on arrival) Albert Einstein said "Play is the highest form of research", we are getting back to the basics of playing simple yet fun science games. Join us to play some games and put your logic, fine motor skills and patience to the test.
13:00	Science Show (Ages 12+, max 100 ppl) – SAP Auditorium
13:00	Classroom of the Future, Demonstrations for Teachers!
13:00	Bring & use your own Laptop: Basic Scratch Coding (Ages 8 - 12, max 22 ppl - Register on arrival)
13:00	Conservations with Hedy Lamarr (Ages 12+, max 100 ppl) – SAP Auditorium Enjoy delightful discussions with Hedy, asking her everything you'd like to know
14:00	Code your realm in Minecraft workshop (Ages 8+, max 22 ppl - Register on arrival)
14:00	Planetarium Show (All ages, max 30 ppl)
14:00	Camera Obscura Tour (All ages, max 30 ppl)
14:30	Games Room (Ages 6+, max 30 ppl - Register on arrival) Join us to play some games and put your logic, fine motor skills and patience to the test.
15:00	Python Programming for Beginners Workshop (Ages 8+, max 22 ppl - Register on arrival) Been exposed to Scratch? Then shift the gear, join this introductory session on Python programming
15:00	Camera Obscura Tour (All ages, max 30 people)
15:00	DNA, the Code of Life Workshop (Ages 6+, max 30 ppl - Register on arrival) DNA is our code for life and what we are made up of. Take a closer look at the DNA (building blocks) of a bean.
16:00	CTSC doors close