

# PARTNER GUIDE

HOW TO SUPPORT AND HOST CODING ACTIVITIES  
AS PART OF AFRICA CODE WEEK (OCTOBER 1-10)



**SAP**

CTSC  
CapeTownScienceCentre



GALWAY EDUCATION CENTRE  
Ionad Oideachais na Gaillimhe



King Baudouin  
Foundation



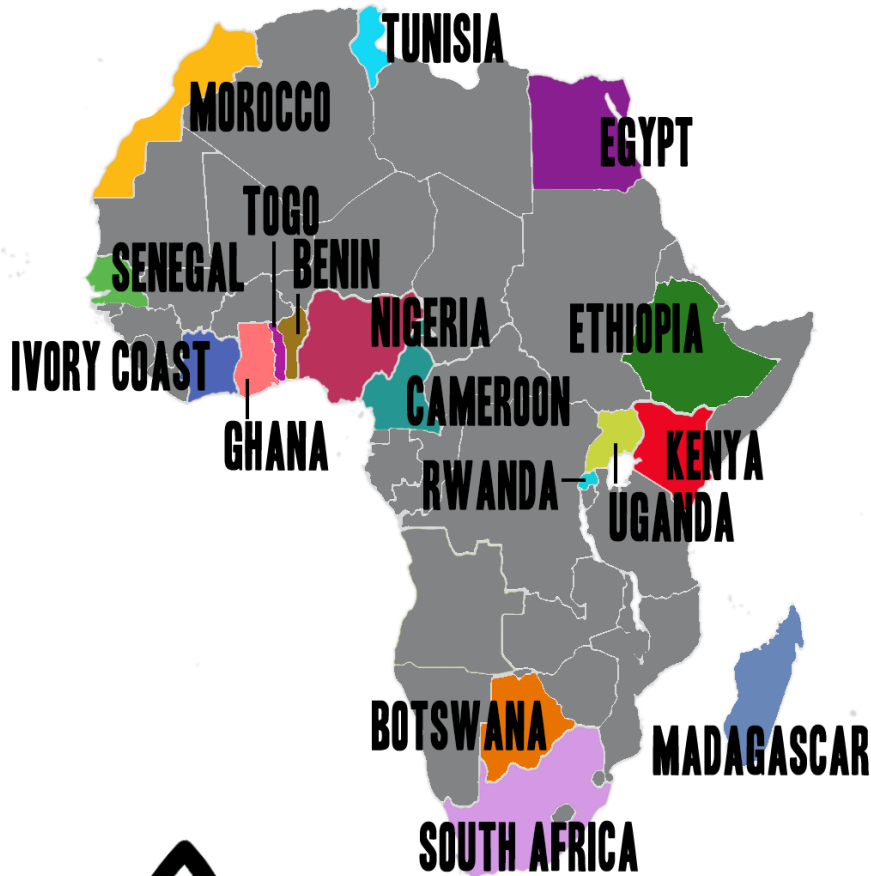
**GET READY  
TO SPREAD**

**DIGITAL  
LITERACY**

**ALL OVER  
AFRICA**

**THROUGH  
PLAYFUL  
CODING!**





[AFRICACODEWEEK.ORG/MAP](https://AFRICACODEWEEK.ORG/MAP)

Check out our interactive map regularly to:

- Find a workshop near you;
- Add your own event(s)!



= **17 COUNTRIES** + **HUNDREDS OF WORKSHOPS** x **20,000 YOUTH**

# WHAT WILL HAPPEN ONSITE & ONLINE FOR ALL 3 AGE GROUPS?



= course based on Scratch

**FOR LEARNERS:**

**FOR TEACHERS:**



**'TEACHING PROGRAMMING TO YOUNG LEARNERS'**



**'TEACHING PROGRAMMING TO YOUNG LEARNERS'**



**'TEENS GET CODING!'**



**'TEENS GET CODING!'**



**'YOUR OWN WHATSAPP!'**

**COMING SOON**

# SCRATCH

## A FANTASTIC LEARNING TOOL



9.7 M

PROJECTS SHARED TO DATE ON [SCRATCH.MIT.EDU!](https://scratch.mit.edu)



A **free** application developed by the MIT to **simplify** the face of coding.



Allows millions of children to **imagine, create and share** stories, games, and animations with other kids around the world.



Fosters **critical thinking, knowledge and logic.** Ideal for acquiring key mathematical and computer science concepts in a playful manner.

# GET TRAINED FOR FREE!



This openSAP MOOC will show you how to teach programming to your learners using the popular Scratch system:

- Free of charge
- 4-6 hours of learning
- Open between Oct 1 – Nov 2
- Enroll anytime @ <https://open.sap.com/courses/acw1-1>
- Record of Achievement earned at the end

**'TEACHING PROGRAMMING  
TO YOUNG LEARNERS'**

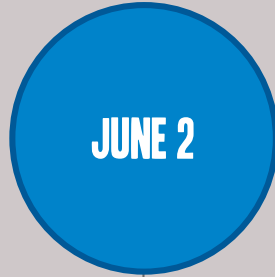


Enroll today! All materials are also accessible offline for those with limited Internet access.

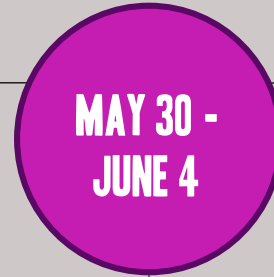
# TIMELINE



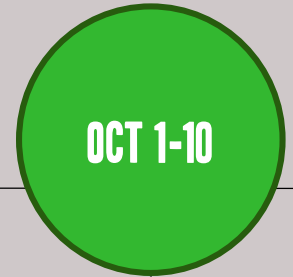
Celebrity Coding Challenge  
in Johannesburg



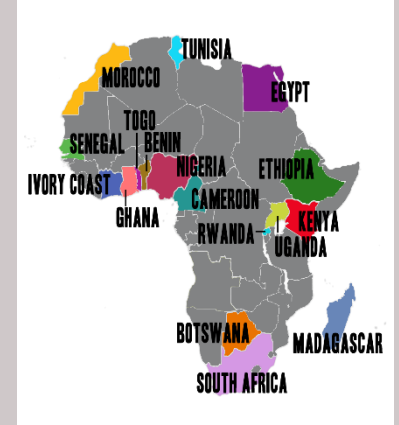
Official launch at  
SAP Gala Dinner  
during the  
WEF on Africa



Pilot event at the  
Cape Town  
Science Centre,  
South Africa



Africa Code Week  
Kickoff across 17  
countries!





OVER 10,000 FACEBOOK POST CLICKS  
300 TEACHERS TRAINED  
890 CHILDREN ENGAGED  
40,000 TWITTER IMPRESSIONS

**PILOTS LAUNCHED SUCCESSFULLY!**





# PARENTS: WHAT CAN YOU DO?



Spread the word in your community!

Check out the online learning resources available on our website!

Check our interactive map for coding activities in your country and add your own workshops!

Sign up for our Newsletter to receive the latest updates.

# TEACHERS & SCHOOLS: HOW CAN YOU PARTICIPATE?

A photograph of a classroom where a male teacher with dreadlocks is smiling and leaning over a desk. Several students are seated at desks with laptops, focused on their work. The classroom has posters on the wall and a whiteboard in the background.

Register for our free MOOC and learn how to host your own coding workshops!

Help us train more teachers by organizing a live Train-the-Trainer workshops on your premises.

Host on premise workshops for your own pupils/students.

Spread the word to both pupils/students and fellow teachers!



## COMPANIES, START UPS, FAB LABS, INNOVATION LABS: GET ONBOARD!

Organize on premise coding workshops for your employees' children!

Host on premise Train-the-Trainer workshops for your employees and partners.

Help African organizations set up local coding activities in their community.

Promote the openSAP MOOCs and spread the Africa Code Week word to your business networks & communications channels.



Contact us if you need help finding partners to orchestrate your event!

# WHAT DO I NEED TO HOST A WORKSHOP?

## A GROUP OF PEOPLE WILLING TO LEARN

Pupils, students, coworkers, friends, employees. Remember: 2 is a group already!

## ONE OR MORE TEACHERS OR FACILITATORS

No need to be professional programmers!

## A PLACE TO BE AT

Don't try to stuff too many people in a windowless room because nobody enjoys coding with a headache.

## COMPUTERS WITH BROADBAND INTERNET

Make sure they already have Scratch installed and provide participants with instructions on how the installation can be done on their own devices.

# CHECKLIST FOR A SUCCESSFUL WORKSHOP!

## 1. VENUE

- A quiet, ventilated area equipped with PCs (i.e.: classroom, meeting room, library, etc.)
- Room setup shall facilitate group exchange and team work.

## 2. HARDWARE & SOFTWARE

- PC workstations (the Scratch offline version allows you to run a workshop without Internet access).
- 1 mouse per workstation.
- 1 video projector per instructor.

## 3. SCRATCH SOFTWARE – OFFLINE VERSION

- You can download it here:  
<https://scratch.mit.edu/scratch2download/>
- Scratch must be installed on every single PC before the workshop starts. Tutorials are available here:  
[https://scratch.mit.edu/projects/editor/?tip\\_bar=home](https://scratch.mit.edu/projects/editor/?tip_bar=home) (click on the globe icon in the top left corner to choose your language. Translated tutorials will then appear on your right)
- On the openSAP platform, a free MOOC called 'Teaching programming to young learners' (specifically designed for Africa Code Week) will be available in September!

## 4. DURATION

- 60 minutes is the ideal duration for such beginner workshops.

## 5. RATIOS

- 1 PC for 2 kids.
- 1 main instructor presenting Scratch with the video projector.
- Additional trainers/coaches scattered across the room to assist and guide children (typically 1 coach for 6/8 kids depending on their level).

## 6. ICING ON THE CAKE...

- Plan a little snack break!
- Request your "Bags4Kids": goodie bags where sponsors and partners will drop little gifts and snacks for children (USB key, notepad, crayons, drink, snack, etc.)

## A FEW MORE TIPS...



### **MAKE THE EVENT BEGINNER FRIENDLY...**

Don't focus on the technicalities, try to show the fun and practical aspect of whatever technology is being used.

### **THE FORMAT OF THE EVENT IS UP TO YOU**

But allow enough hands-on time for participants to create something on their own.

### **USE WHATEVER TOOLS AND TECHNOLOGIES YOU'RE MOST FAMILIAR WITH**

Although we do recommend freely available open source tools and frameworks. Learning something completely new can be intimidating.

### **A SMILE AND A FRIENDLY ATMOSPHERE**

Can help break the ice and make those, who don't consider themselves "technical" at ease.



## WHO IS THE ACW AMBASSADOR IN MY COUNTRY?

Find out now!

Ambassadors are your local anchors for Africa Code Week event orchestration, questions and support.

Feel free to reach out to them to get started on hosting your own coding workshops or simply get introduced to other interested schools / organizations. They are here to help you engage as many children and youth as possible in your community!

[HTTP://WWW.AFRICACODEWEEK.ORG/ABOUT/AMBASSADORS](http://www.africacodeweek.org/about/ambassadors)



Caught footage of the first coding workshops in South Africa! [Watch video!](#)



[AFRICACODEWEEK.ORG](http://AFRICACODEWEEK.ORG)



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