

# Welcome to Connective Cities

Virtual Event – Tourism Proposal Discussions  
By

## Uganda

Gender Digital Divide and Girls STEM Education

December 2, 2021

Partners of Connective Cities



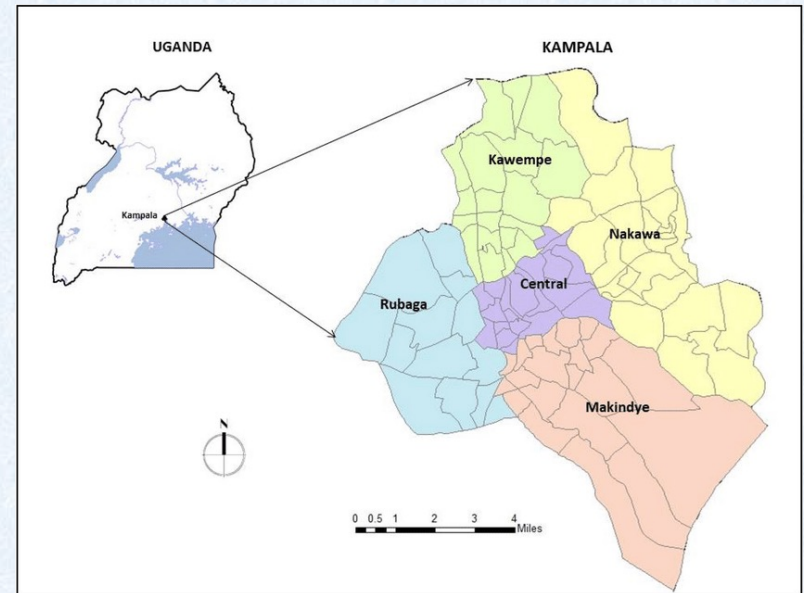
Commissioned by



# Kampala City

- Kampala City has 5 divisions

Division	Population (2020)
Central	11,562,900
Kawempe	377,700
Makindye	438,300
Nakawa	321,700
Rubaga	388,000



# Project: Gender Digital Divide and GIRLS in STEM

- To close STEM gender gap, we must intentionally invest in women and girls
- Closing the gender gap in education outcomes has not translated into equal participation and representation in the economy and society for example
  - The disruptions caused by the pandemic can provide us with an opportunity to build a more equitable and sustainable world







# Current Challenges with Girls in STEM

- Access to digital device
- Access to WIFI
- Student focused content
- Problem Solving Content
- Digital library
- Private sector engagement
- Cultural norm



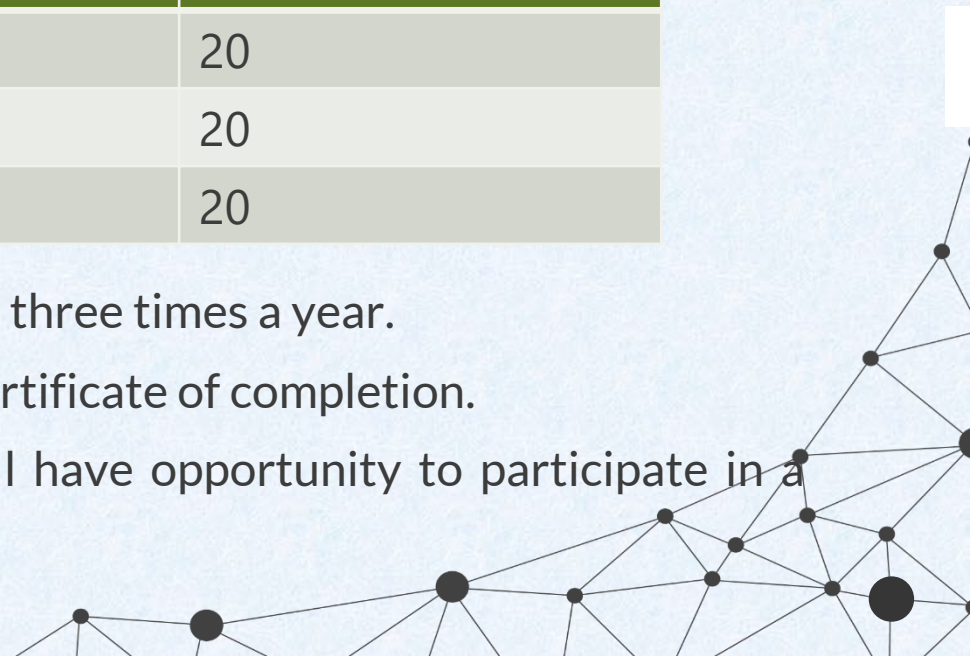


# Proposal

- Launch GIRLS in Technology Camps for girls from underprivileged community
- There will be no cost to t selected girls in the program
- Start a pilot project from one division in Kampala
- Three groups of 20 girls to be formed in each cohorts:

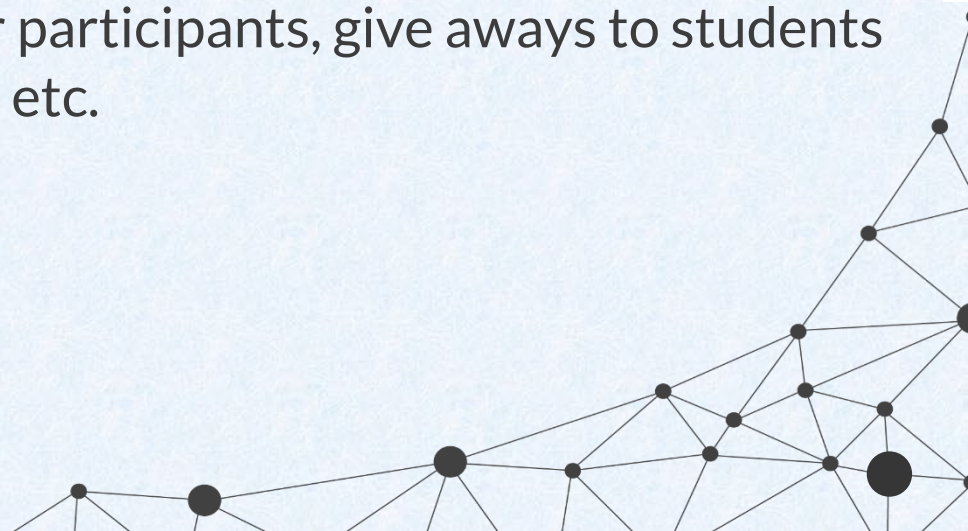
Group	Grades	Number of students
1	1st-4th	20
2	5 <sup>th</sup> -7th	20
3	8 <sup>th</sup> -10th	20

- One weeklong STEM camps will be held three times a year.
- Graduates from each group will get a certificate of completion.
- Each graduate from group 2 and 3 will have opportunity to participate in a Mentoring program



# Role of Municipalities

- Municipalities will cohost the event
- Theme for each camp will be determined by the municipalities. It will address their area of interest and keep participants engaged. For example, pandemic, health and hygiene, traffic control, smokeless cooking, safe drinking water, solar power etc.
- Municipalities will provide camp space in a public school or their buildings
- Municipalities could provide other assistance in cash and kind. For example, snacks and lunch for participants, give aways to students such as, pencil, pen, notebook etc.



# Mentorship

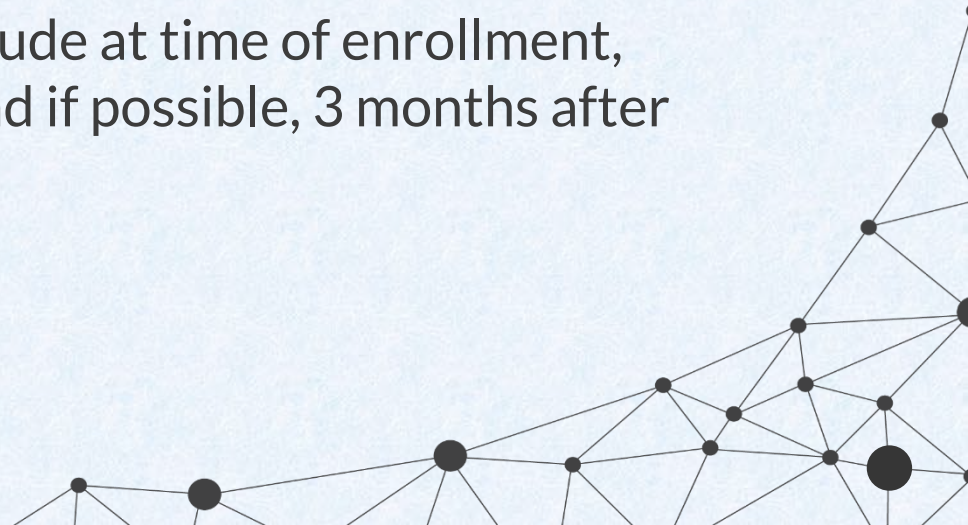
- Engage local college students and teachers
  - Train them to be mentor and camp volunteers for STEM
- Engage local companies, chambers, technology companies and private sector leaders





# Deliverables

- Prepare a student selection criteria
- Get buy in from a municipality
- Recruit students, mentors, volunteers and trainers
- Organize orientation for all four groups
- Engage private sector for support
- Organize 5 days long camps
- Set up agenda in advance for each camp
- Test Kids on their STEM aptitude at time of enrollment, completion of the program and if possible, 3 months after completion of the program



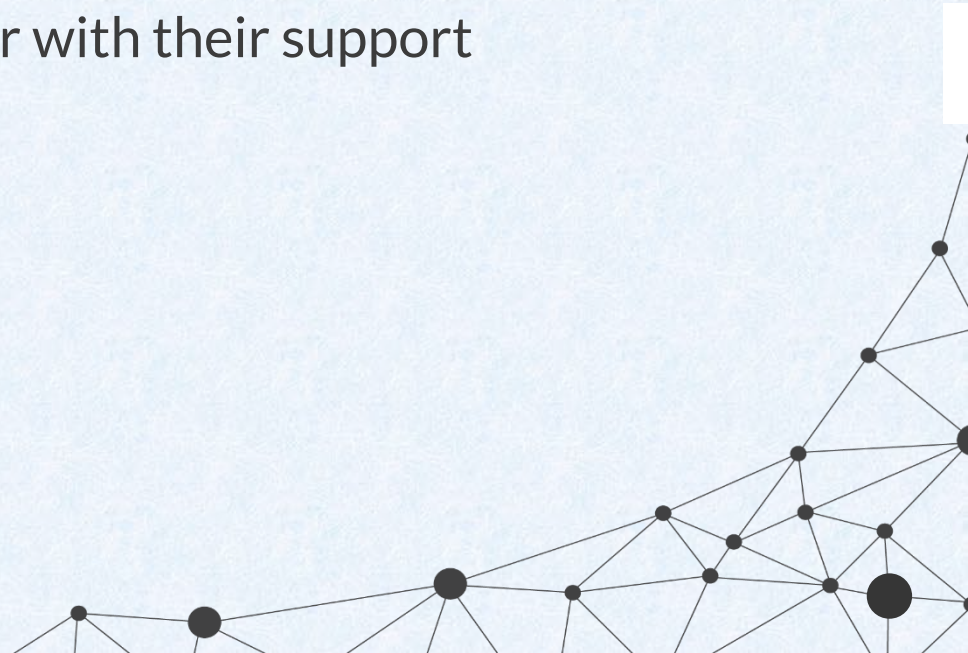
# Outcome, and Impact

- Prepare future leaders
- Encourage GIRLS in Technology
- Reduce school dropout rate of girls
- Develop problem solving aptitude



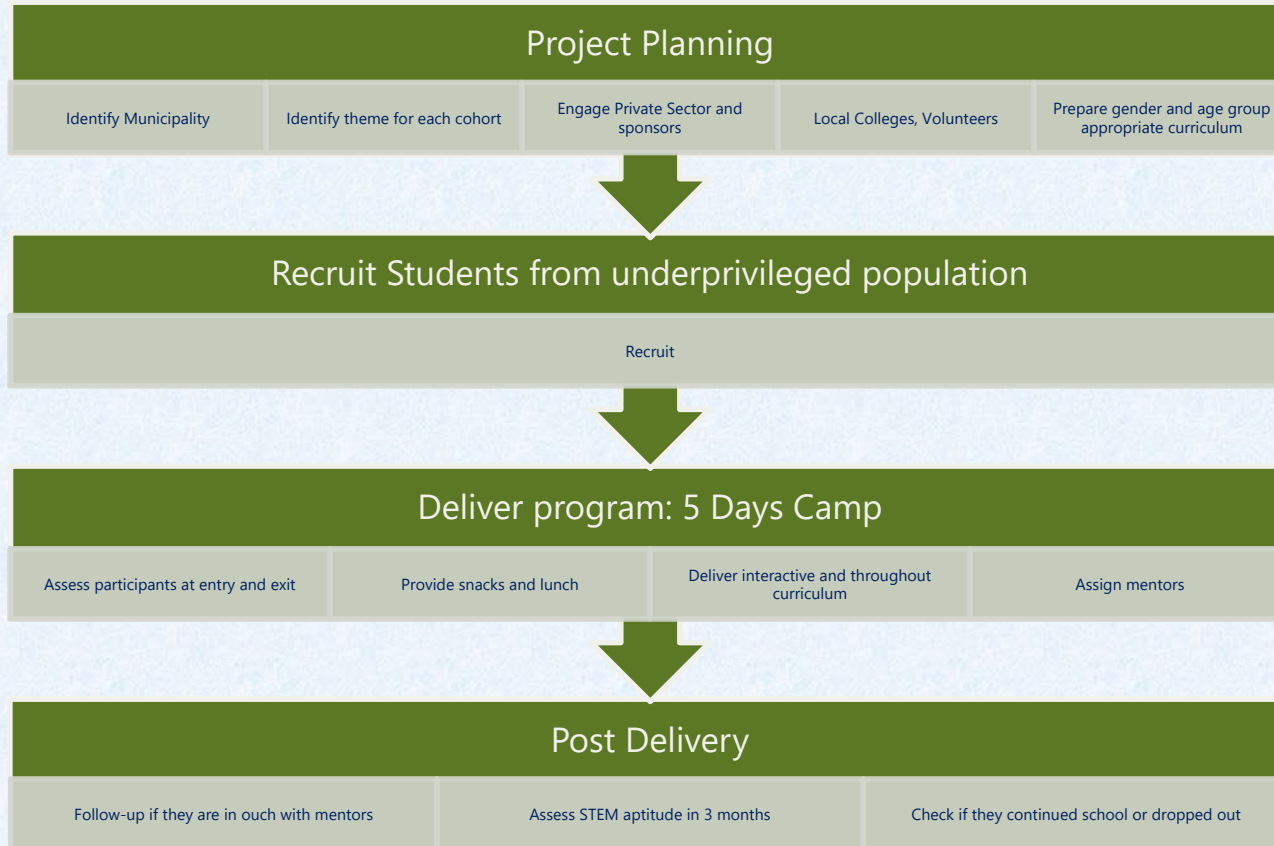
# Project and Funding Status

- Project is still in ideation stage
- Current analysis indicates need of funding worth \$100,000 seed money to start the project
- Engage Google, colleges and Universities for curriculum, and technical devices
- Engage Municipality for support in kind and cash
- Raise money from private sector with their support





# Program delivery model



# Acknowledgement

Thanks to

- ConnectiveCities program platform to share a very important proposal
- International Development Institute, Suman Timsina and its consultants for helping to convert ideas into a proposal

