



FabLab-2025

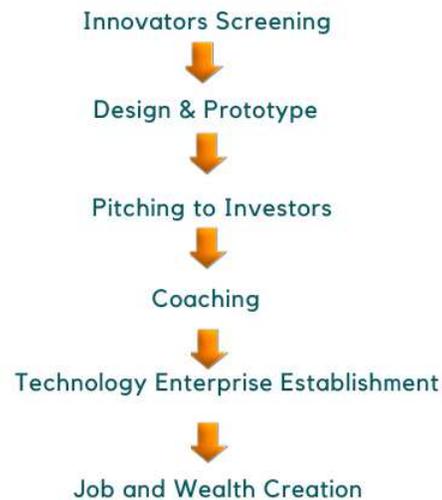
Program Goals

- Innovators Incubation
 - Facilitate a maker space
 - Coaching
 - Provision of parts and consumables
 - Functional prototypes
- Educational materials design & development
 - Pre-primary educational puzzles
 - Science kit design and prototyping
- Import Substitution

Target Groups

- K-12 to College Students
- Small and Medium Enterprises (SME) established

Program Flow



Outcomes

- Produce functional prototypes by innovators
- Educational materials prototype development by in-house capacity
- Increasing technology enterprises



Partners **SMARTAID**



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Girls In STEM-2025

Program Goals

Our goal is to inspire and empower girls to enter STEM fields of study and become future problem solvers and leaders.

Target Groups

- K-12 to college students
- Girl innovators with or without formal education

Program Flow

Registration of Girls at the STEM Center



Training and Coaching

- STEM Boot Camp
- Leadership Training for STEM Teachers
- Girls Science Talk
- Coding For Girls
- Female Innovators Coaching



Design Prototype



STEM Girls Competition



Incubation/Acceleration



Job & Wealth Creation

Outcomes

- Eliminating barriers that prevent girls from developing an interest in STEM Education
- Creating young, innovative girls who can solve societal problems.
- Empowering girls to become female innovators coach.

Women have always been underrated by society when it comes to STEM education. Instead, there is an accepted social mindset that only encourages men to pursue STEM education and career endeavors. However, the truth is women can also engage in STEM fields as equal as men. Women tend to be problem solvers if engaged in STEM fields and careers and become future problem solvers and leaders. STEMpower supports and empowers girls and young women to envision the path to STEM education and career development through hands-on experiences, lab curricula, mentors, and role models.

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