

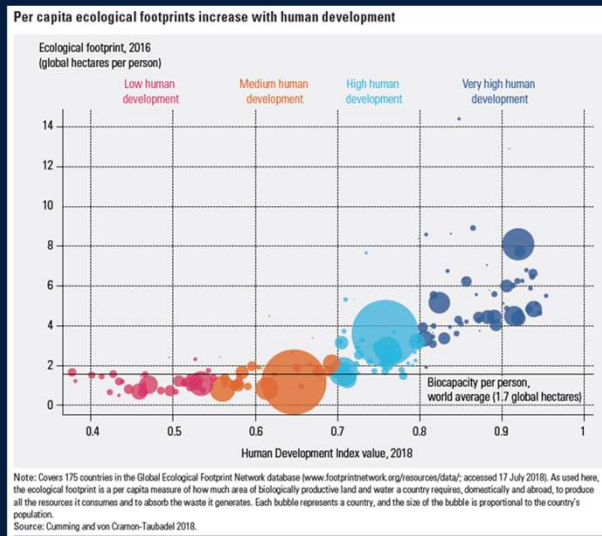


YOUTH & AI

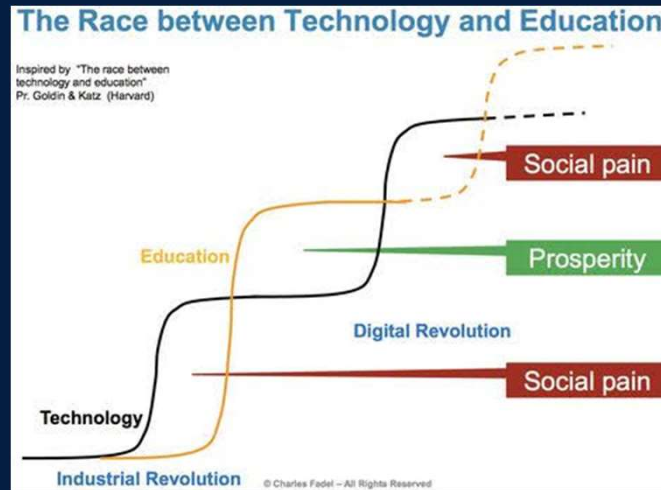
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3 obstacles to human capabilities



Climate Change



Technological Change

Women are legally discriminated in 150 countries.

Gender Inequality

Approach

Connecting STEM professionals with underserved communities, to identify meaningful local problems and create technology solutions.

Program impact is lengthened through:

- New skill-building for mentors that transfers to the workplace
- Mentors leading 10 weeks of programs
- Global competition



Program Stages

Community Partner

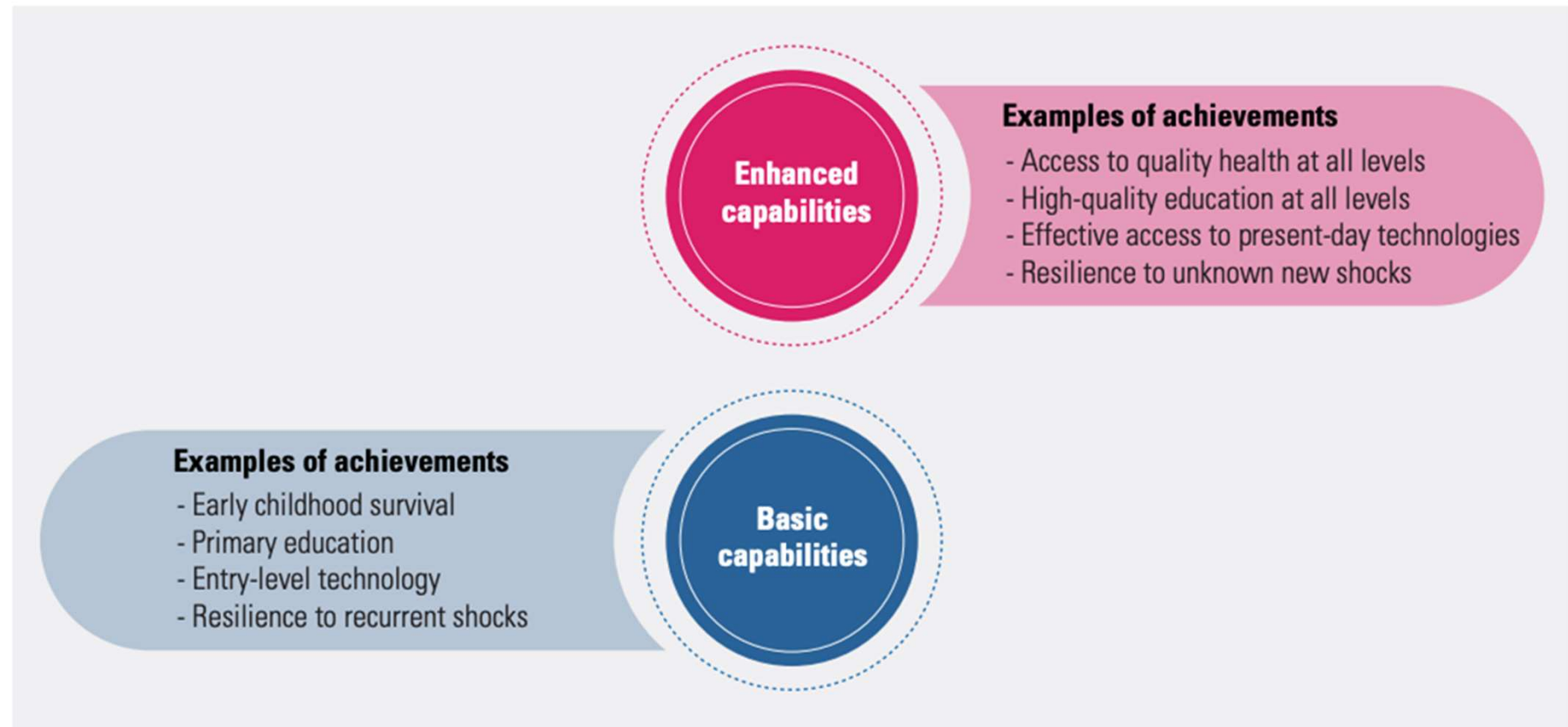


Industry Partner



	Community Partner	Industry Partner
Recruit participants & mentors	Interested in engaging students and families in STEM programs	Interested in providing skill-based volunteering opportunities to employees
Train educators & mentors	1-2 educators who lead the program	10-20 employees who mentor the participants
10-week Competition	Educators engage 30 3rd-8th grade students & parents in program (supported by online curriculum)	Employees work in teams to go to community site and mentor participants each week
Submission of Prototypes	Participants submit prototypes tackling real-world problem for review by judges	
Impact Evaluation	Measure gains in technical content knowledge, self-efficacy as innovators	Measure gains in technical content, rapid prototyping abilities, community awareness
World Championship	Finalist teams and mentors are invited to the World Championship and pitch their ideas for prizes/scholarships	

Human development, from basic to enhanced capabilities



Source: Human Development Report Office.



Empower girls and families to be leaders and problem solvers in their lives and their community

