

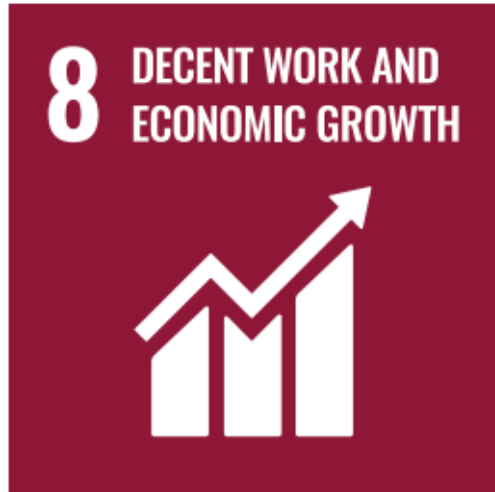
Problem Based Learning: Teaching engineers to tackle the SDGs



Creating Opportunity Pipelines to leave no one behind

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Director of Strategy – Aspire Artemis Foundation



Our Mission

The Aspire Artemis Foundation (AAF) is an organization that is thoroughly committed to improving the lives of girls and women from vulnerable and disadvantaged backgrounds through innovative early interventions, education, information sharing, research, and training, by working to create an inclusive environment for women and youth. The activities of the Foundation strive to bridge the gaps between theory, policy, and practice.

Additionally through our programming, we seek to inspire today's youth by highlighting the achievements of brave and brilliant women who, despite adversity, have aspired to surpass expectations to make a change in people's lives and to leave a footprint which echoes globally so that young people can see what they can be.

Our intention is to contribute to long-term development, sustainably change lives, foster strong communities, engage neighboring cultures, and make a positive impact.



Our Unique Approach

There exists a gap between the number of women pursuing and remaining in STEM based careers. At the Aspire Artemis Foundation, we address this gap issues by using a unique three-pronged approach called EMI (or "Emmie"). We believe that supplementary education, coupled with organized in-person mentorship, and internship experiences, helps and supports young women as they shape their own paths for a STEM-centered future.

The Foundation implements this approach through a variety of avenues.



Current challenges

It is estimated that currently half of the population of the world lives on 2 dollars a day.

Some people have jobs that do not allow them to live their lives in dignity.

Disadvantaged groups do not have access to sufficient training opportunities that prepare them for the jobs that exist

Access to funding and job opportunities in the engineering field for women are not equal to that of men.

The current education system is not designed to include women in typical STEM based programming.

Creating Access

ASPIRE ARTEMIS Creates Mentorships and Internships For Young Innovators Through multi-stakeholder Partnerships with Government, grassroots organizations, NGOs and Visionary Corporations. Our programs spur youth entrepreneurship and provide skills and job training for the jobs of the future.

Inclusion, Innovation and sustained growth

- Our programs foster creativity
- We encourage outside of the box thinking
- We promote the inclusion of arts and culture into the typical STEM curriculum.
- We ensure that women, girls and people with disabilities feel included in our programs.



A game changer

STEAM Has The Potential To Reinvent and Reinvigorate The Education System

The Aspire Artemis Foundation undertakes work in critical areas of science and technology education, by focusing on STEAM – Science, Technology, Engineering, Arts and Mathematics. By integrating an emphasis on the Arts, AAF's work is pivotal to sparking innovation and creativity.



**Artist or
Engineer?**



Architects are engineers who design spaces that we live our lives in.



Music for Mental Health



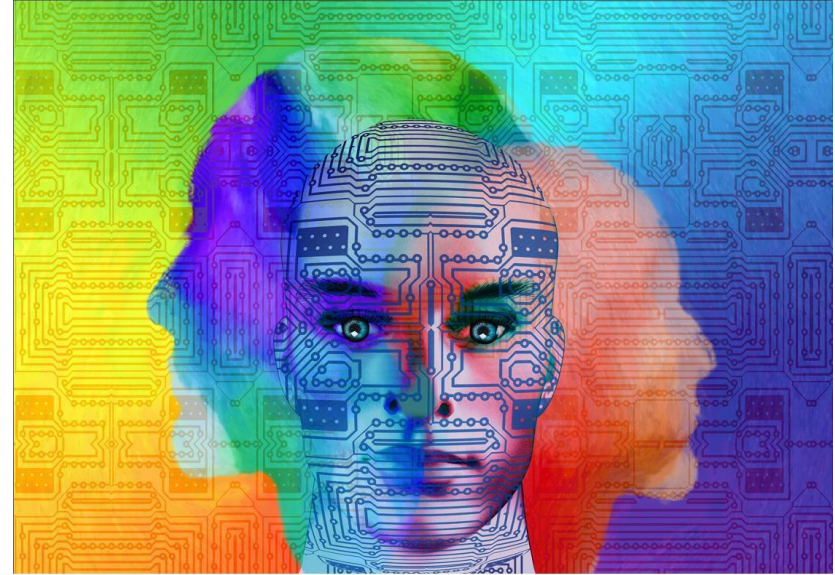
Substantial research studies have been done to highlight the fact that there are substantive developmental benefits of music and art for the educational advancement of youth. It increases motor skills, aids in language development, helps develop positive decision making abilities, strengthens visual and listening abilities, expands inventiveness, facilitates cultural awareness, and leads to increased academic performance.

Digital Transformation and STEAM Program

We want a future of equal opportunity where women can lead our new technology-driven world

The Aspire Artemis Foundation Has Created a Programme That Helps Achieve an Equal-Opportunity Vision

These programmes offer girls and young women opportunities in the sciences, technology, engineering and math fields with a focus on innovation



Paving the way for sustainable development

Building Capacity

- Equipping women with the necessary skills in the fields of science and technology ensures their competitiveness in the global job market and allows them to meaningfully contribute to the development of their communities.
- Women are important drivers of innovation and change and can create opportunities for self-sustenance as well as contribute positively to ensuring sustainable life-changing goals.

Investing in women

- Through investing in women in STE(A)M we are empowering them and by extension their communities to access better job opportunities. These opportunities to connect inspire some captivating moments of action
- Investing in women and girls, encouraging their participation in STEM fields is more than an altruistic call to action or a moral and ethical argument linked to gender equality...it is smart for businesses and budding enterprises, academic institutions and national governments.

8 DECENT WORK AND
ECONOMIC GROWTH



Creating communities of scale



- AAF is well-positioned to make an impact on critical communities, and towards the SDG 8- Decent Work and Economic Growth for a number of reasons. AAF's work is particularly targeted at women and girls in underserved regions such as the Caribbean and Africa. By actively working to increase engineering and technology access and skills in these areas, the Foundation's work helps to ensure that a greater number of individuals gain access to technology and are able to deploy enhanced skills to become creators and contributors in lieu of mere passive users of widespread technology. Furthermore, there is a spill over effect in key communities as more individuals leveraging technology also increases entrepreneurship, participation in global production and consumption chains, as well as increased opportunities for better paid work.



Sustainably changing lives!





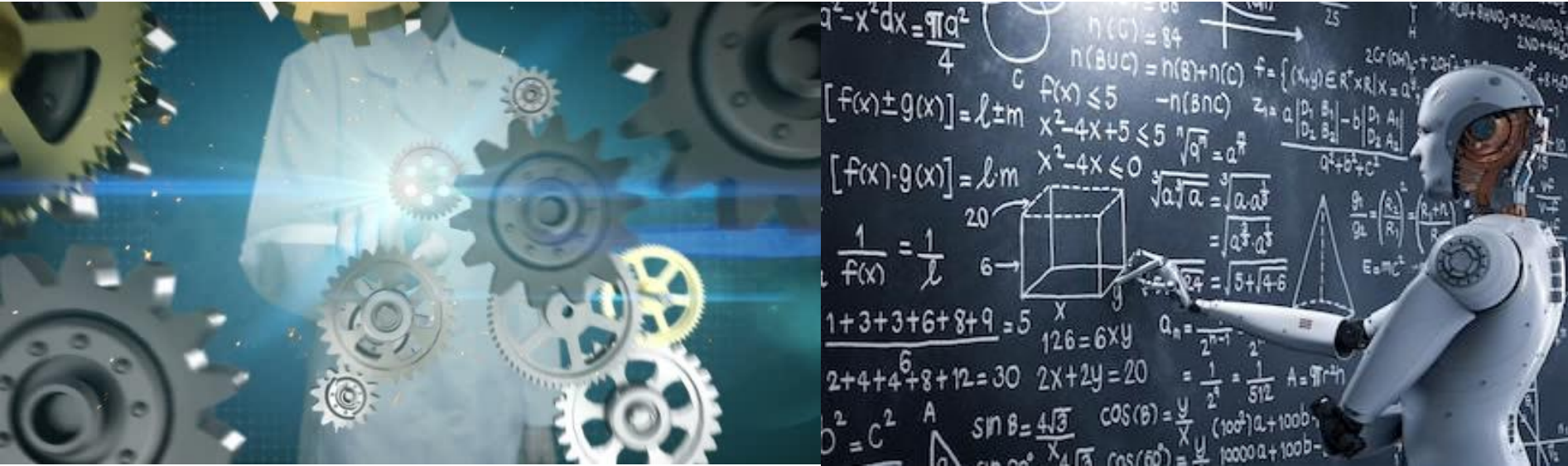
Transforming the nature of work



Aspire Artemis media

Microsoft, AAF, UN and St. Lucia Government - STEAM Symposium
<https://www.facebook.com/AspireArtemis/videos/478869319669262/>





Aspire Artemis



THANK YOU!

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